

FIG. 1

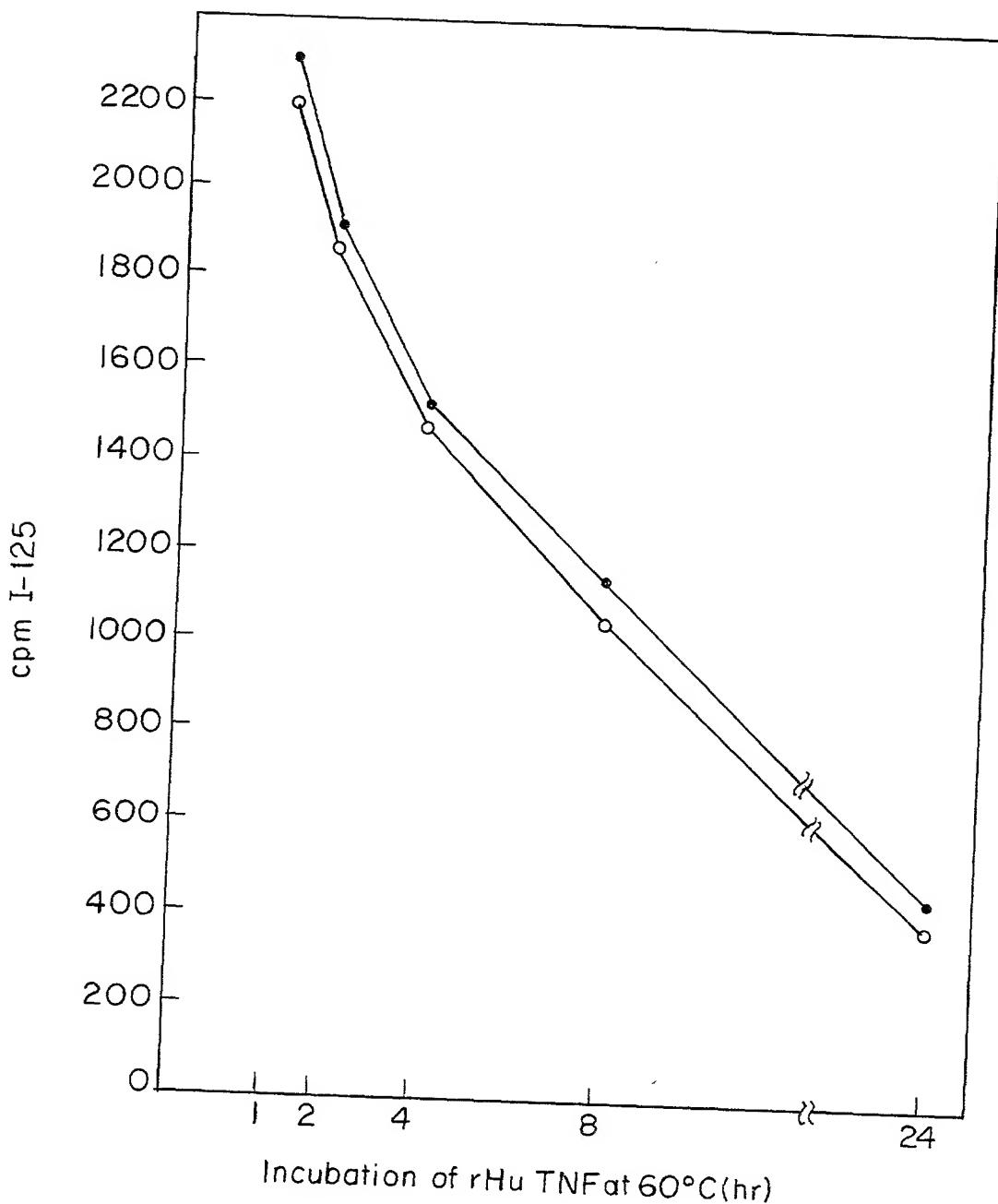


FIG. 2

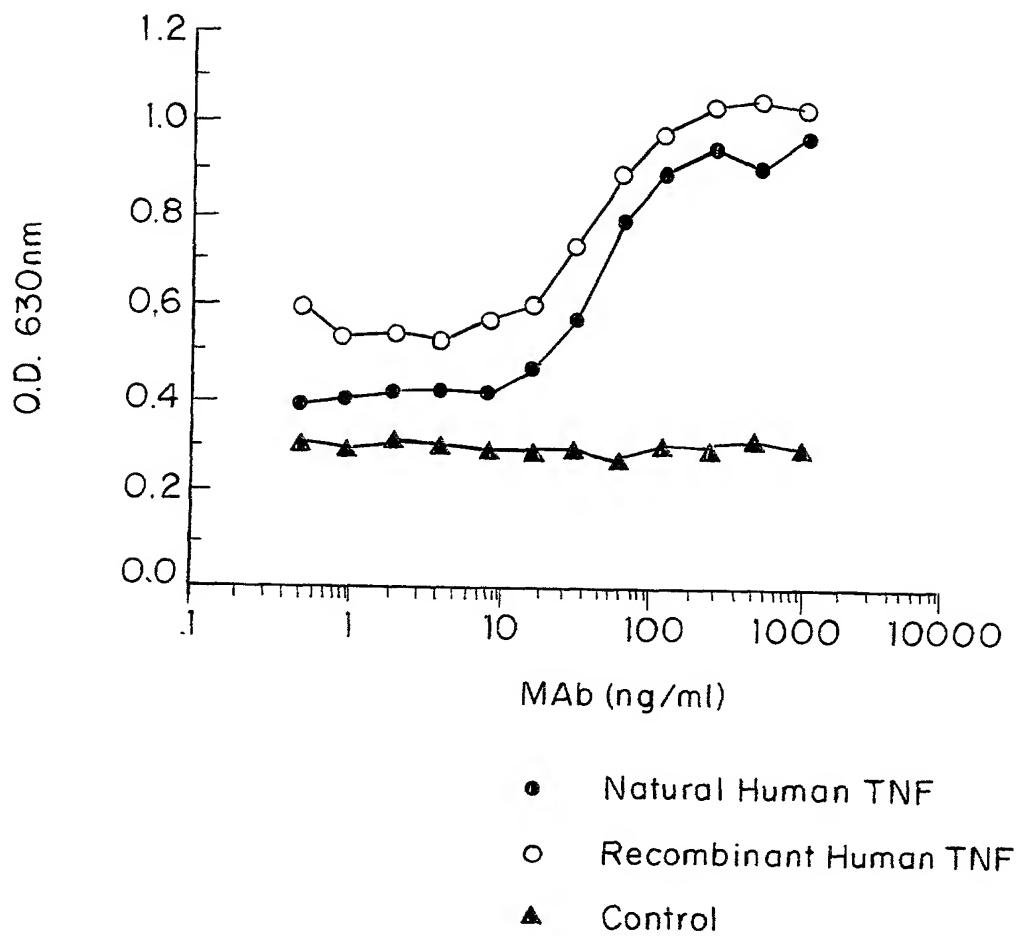


FIG. 3

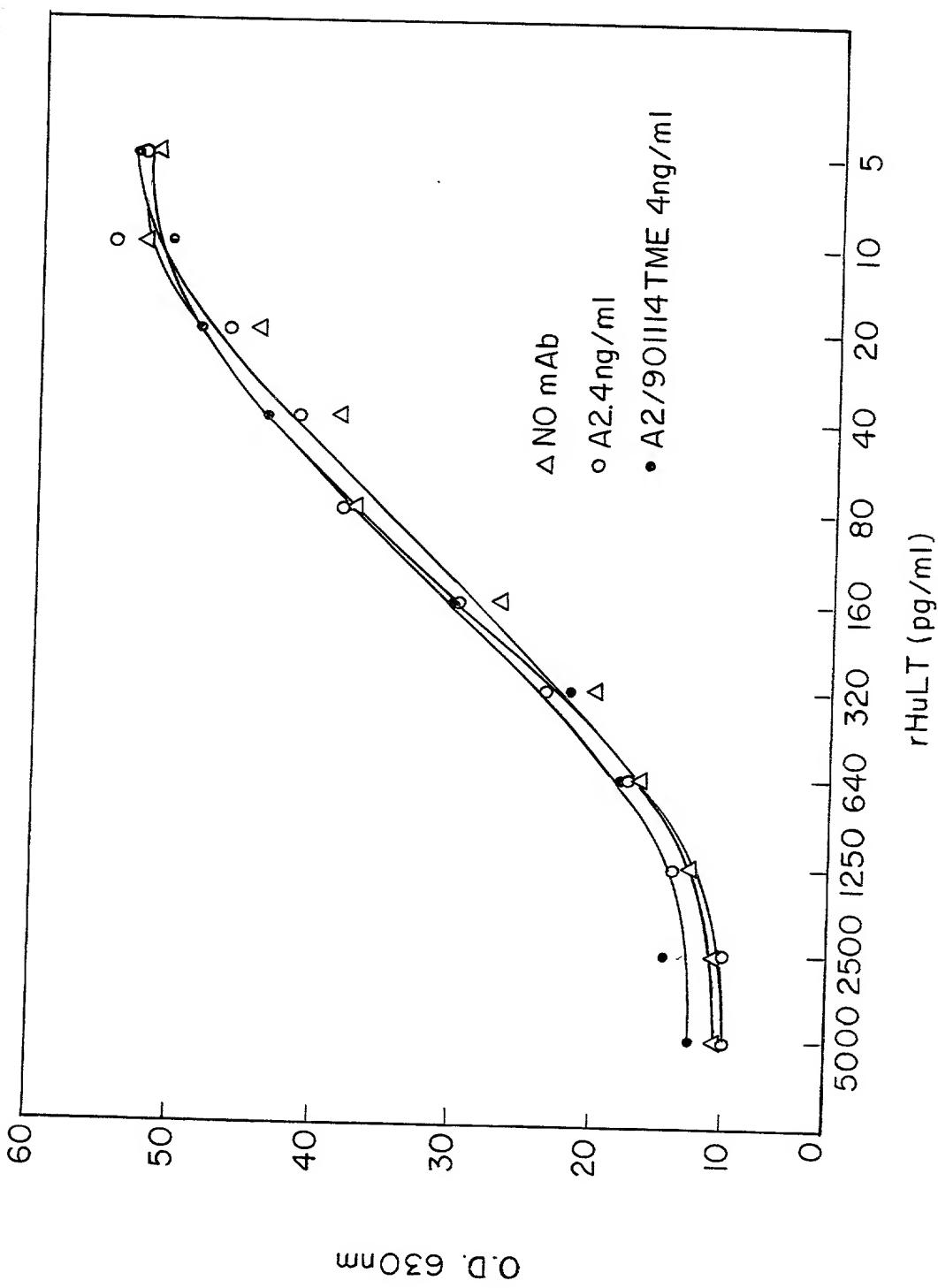


FIG. 4

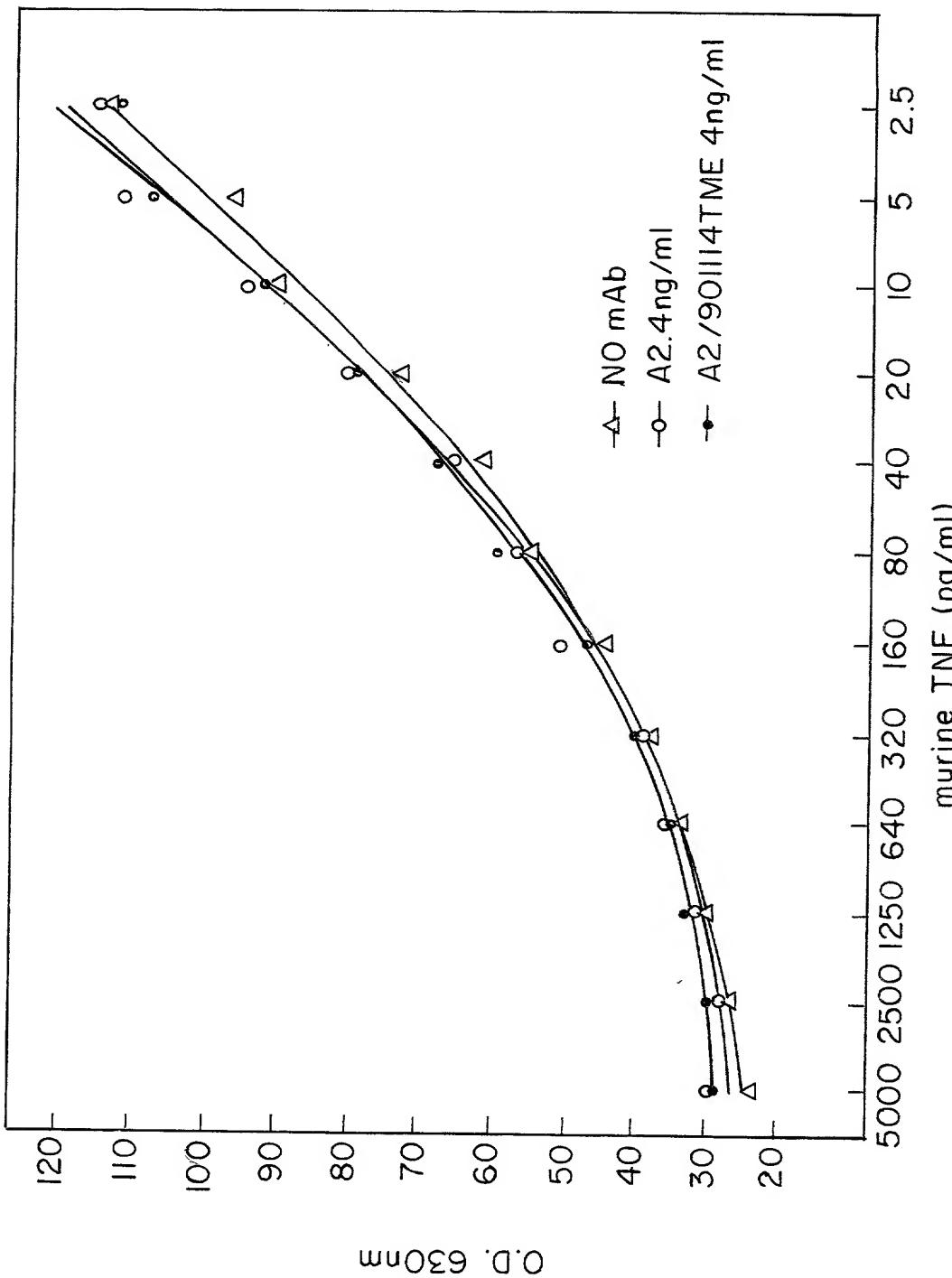


FIG. 5

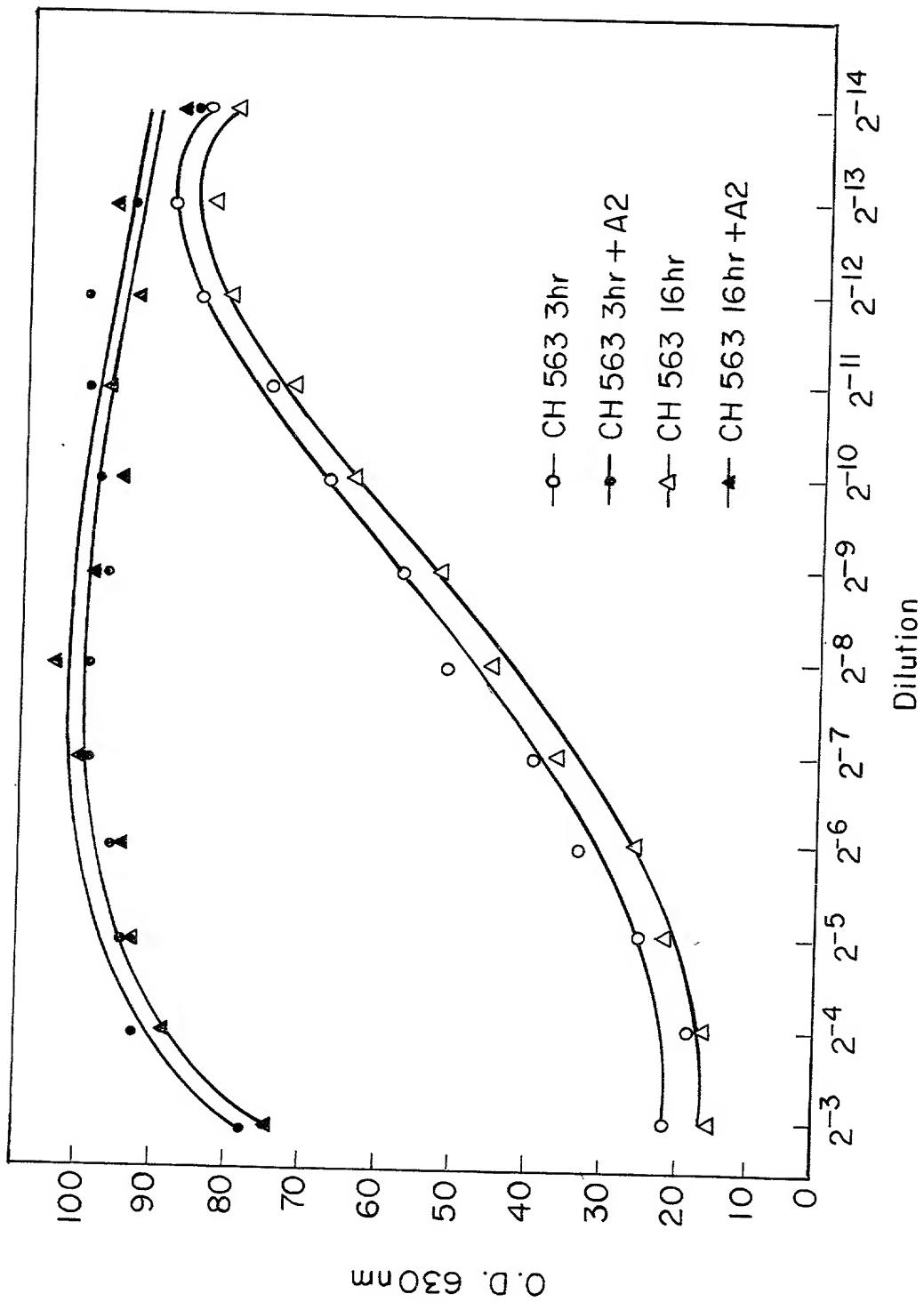


FIG. 6

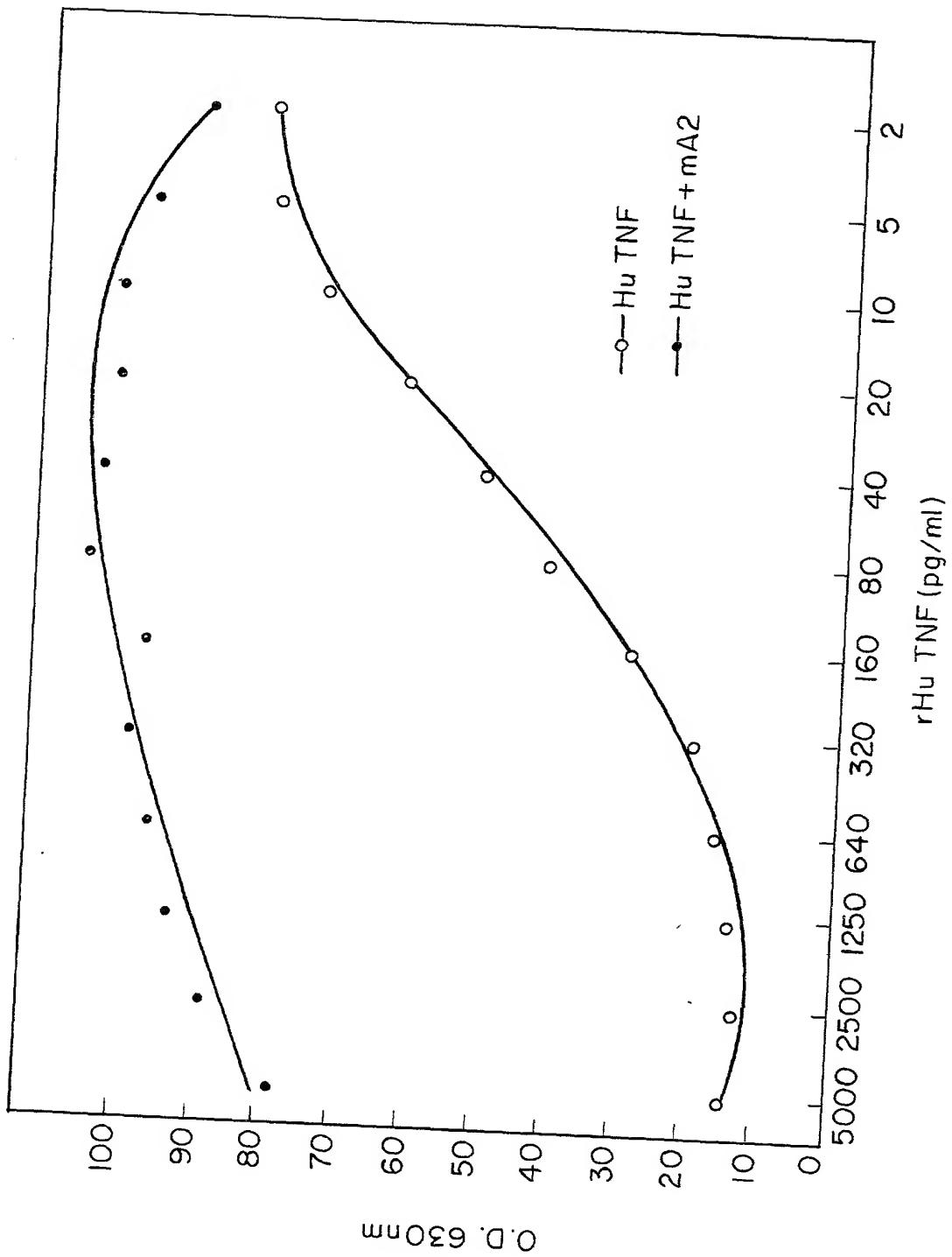


FIG. 7

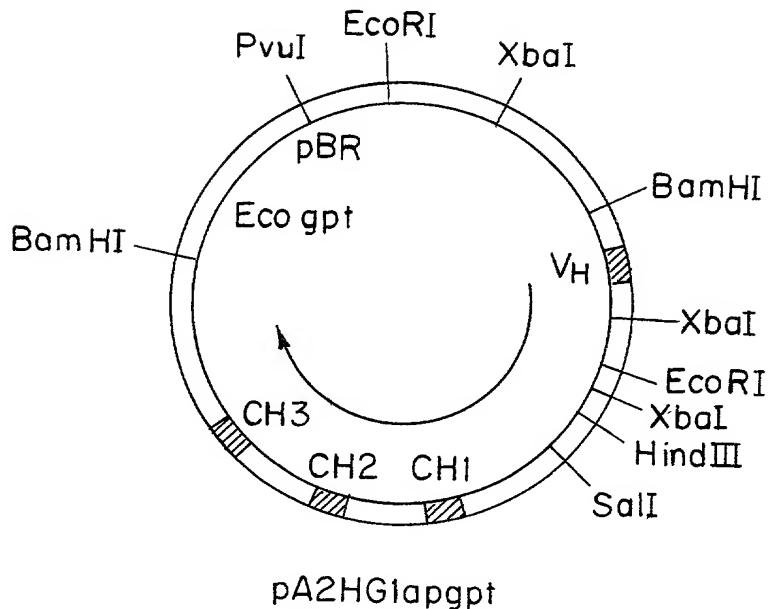


FIG. 8A

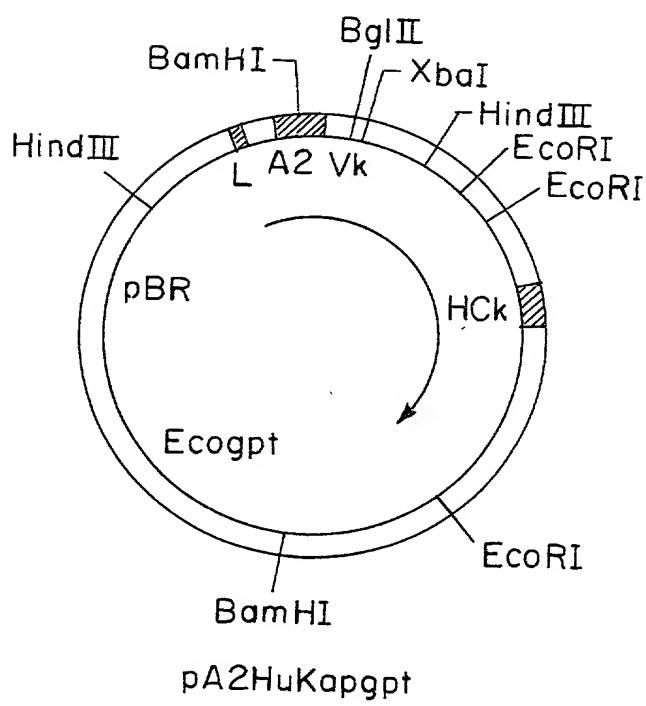


FIG. 8B

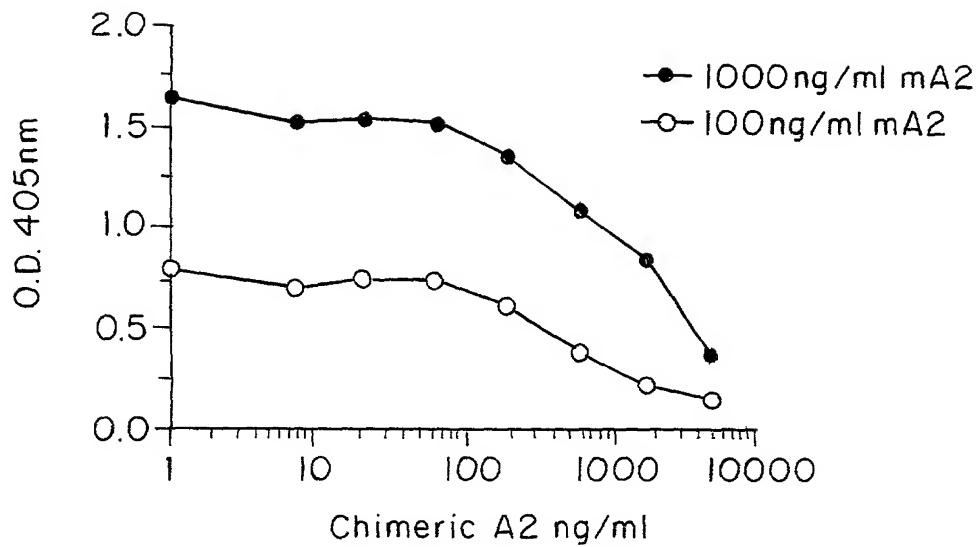


FIG. 9A

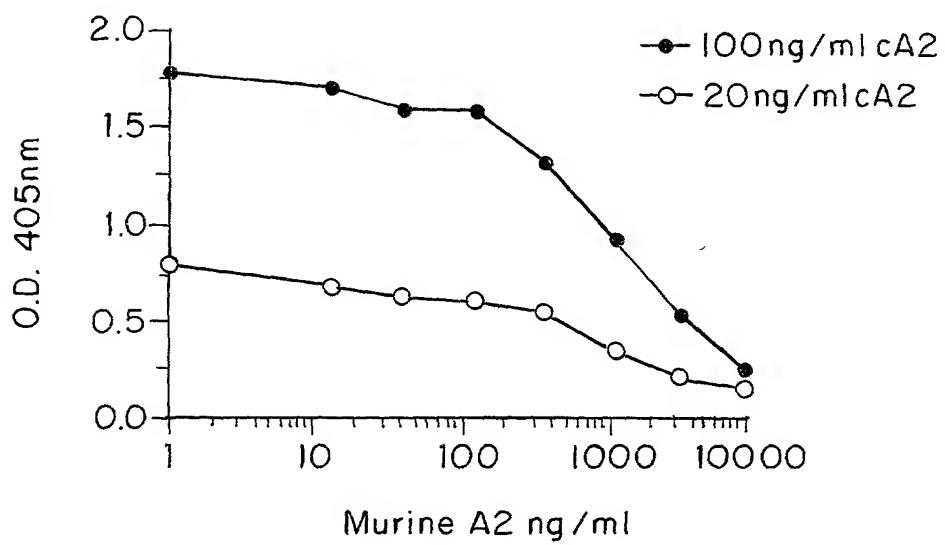


FIG. 9B

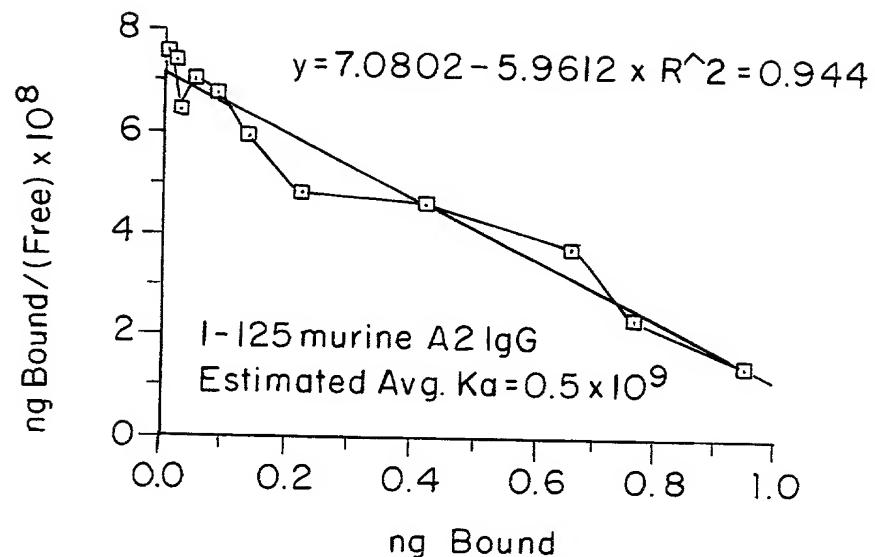


FIG. 10A

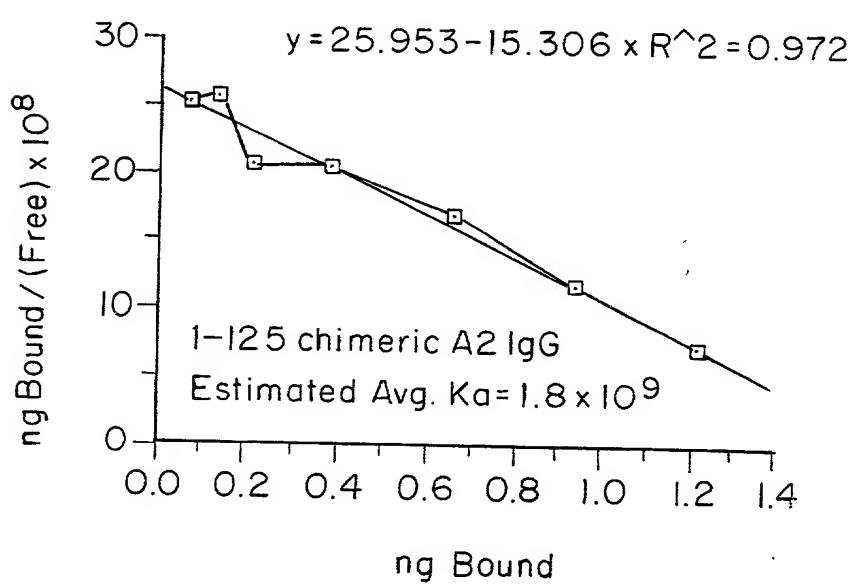


FIG. 10B

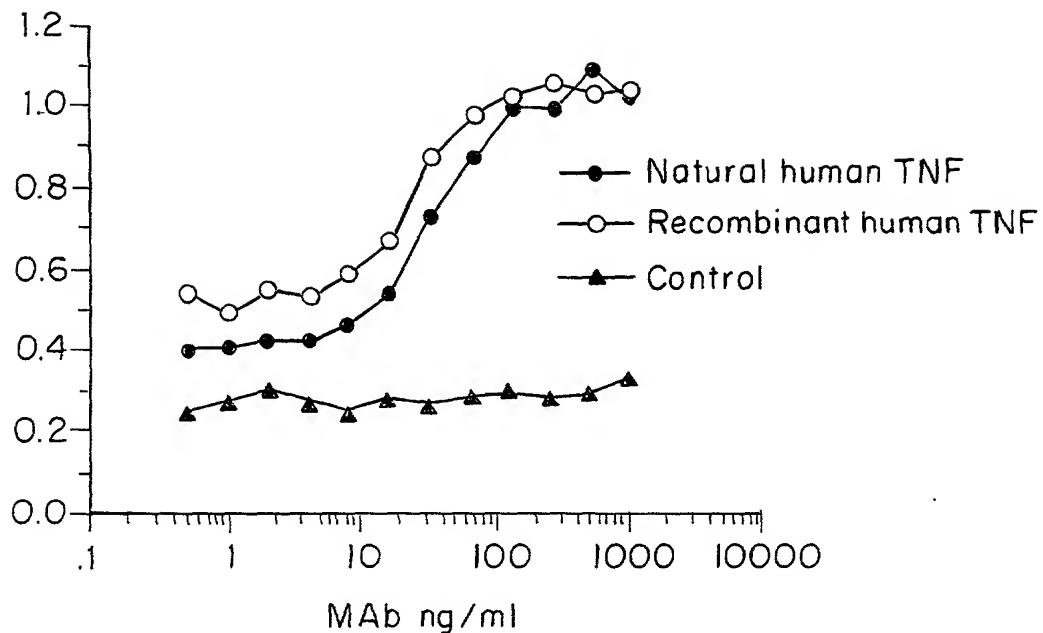


FIG. 11

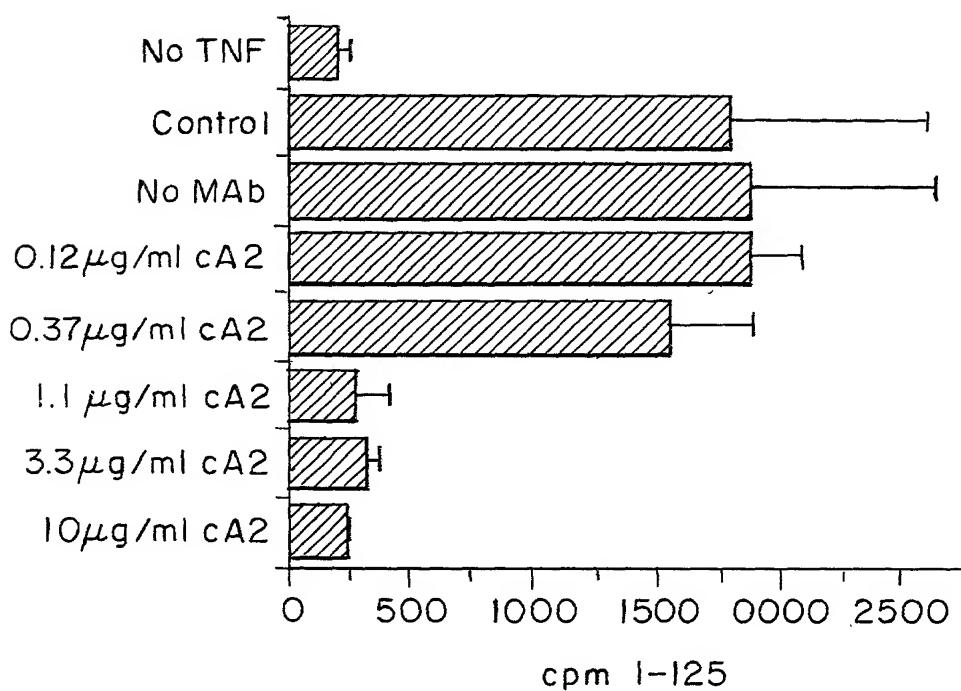


FIG. 12

1 Val Arg Ser Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val Val Ala Asn Pro
21 Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Gly
41 Val Glu Leu Arg Asp Asn Gln Leu Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser
61 Gln Val Leu Phe Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
81 Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala Ile Lys Ser Pro
101 Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys Pro Trp Tyr Glu Pro Ile Tyr Leu
121 Gly Gly Val Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp
141 Tyr Leu Asp Phe Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu

FIG. 13

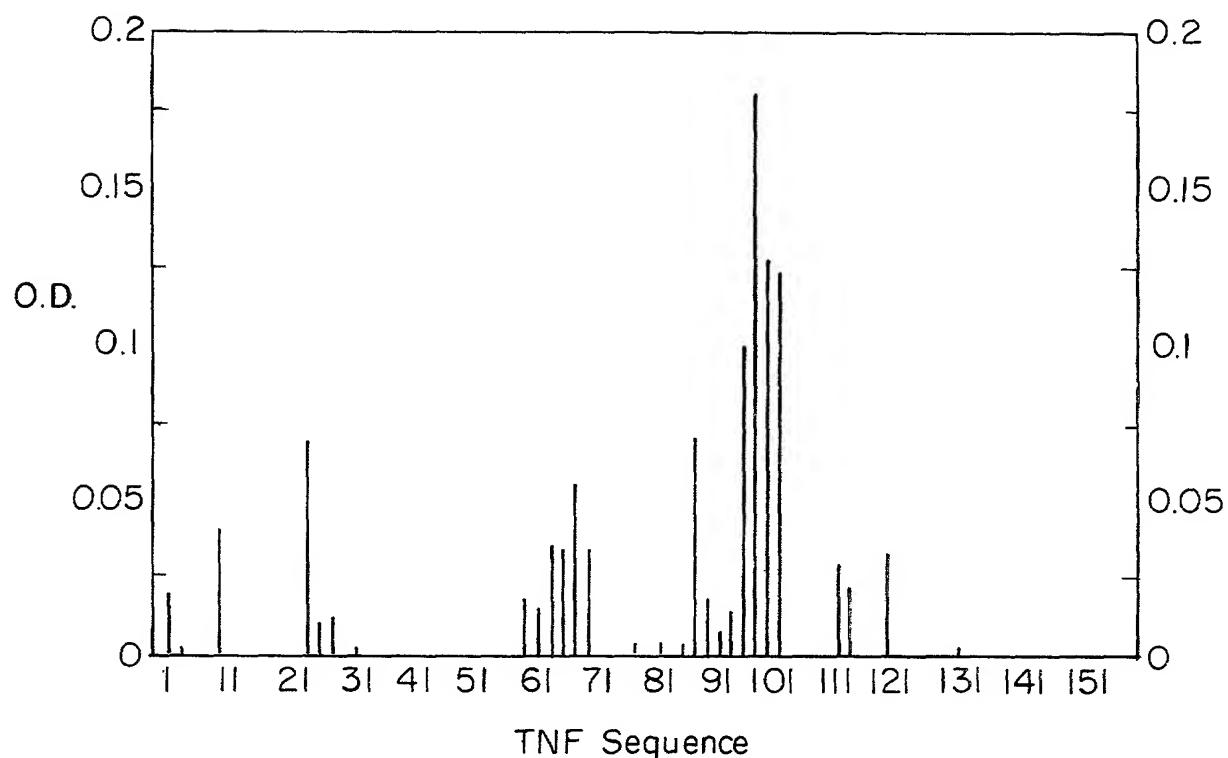


FIG. 14A

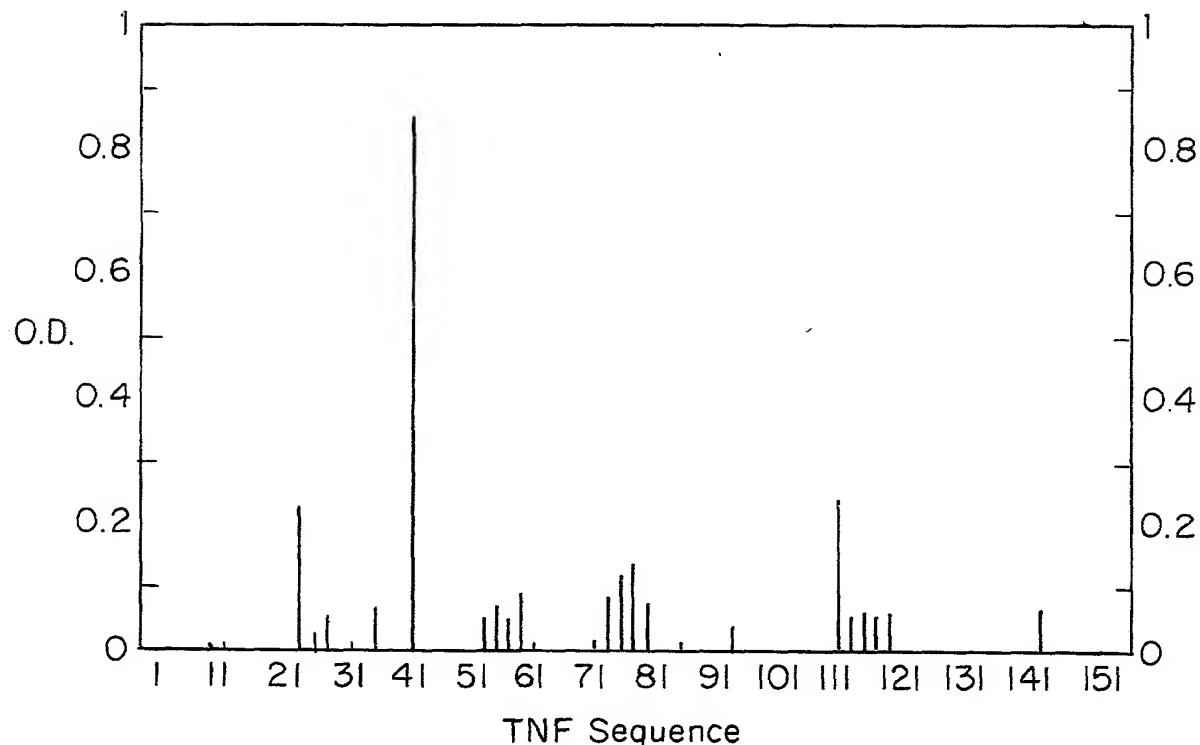


FIG. 14B

1 Val Arg Ser Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val Val Ala Asn Pro
21 Gln Ala Glu GLY Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Gly
41 Val Glu Leu Arg Asp Asn Gln Gln Leu Val Val 50 Pro Ser Glu GLY Leu Tyr Leu Ile [Tyr Ser
61 Gln Val Val Phe Lys GLY Gln GLY Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
81 Ser Arg Ile Ala Val Ser [Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala Ile Lys Ser Pro
101 Cys Gln Arg Glu Thr Pro Glu GLY Ala Glu Ala Lys Pro Trp Tyr Glu Pro Ile Tyr Leu
121 Gly Gly Val Phe Gln Leu Glu Lys GLY Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp
141 Tyr Leu Asp Phe Ala Glu Ser GLY Gln Val Tyr Phe GLY Ile Ile Ala Leu
150

FIG. 15

GACATCTTGACTCAGTCTCAGCCATCCTGCTCTGTGAGTCAGGAGAAAGAGTCAGT
AspIleLeuThrGlnSerProAlaIleLeuSerValSerProGlyGluArgValSer
TTCTCCTGCAGGCCAGTCAGTCAGTCGTTGGCTCAAGCATCCACTGGTATCAGCAAAGAACAA
PheSerCysArgAlaSerGlnPheValGlySerSerIleHistryptyrglnGlnArgThr
AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTGAGTCATGCTATGCTGGATCCCTTCC
AsnGlySerProArgLeuIleLysTyrAlaSerGluSerMetSerGlyIleProSer
AGGTTAGTGGCAGTGGATCAGGGACAGATTACTCTAGCATCACACTGTGGAGTCT
ArgPheSerGlySerGlySerGlyThrAspPheThrLeuSerIleAsnThrValGluSer
GAAGATATGCGATTACTGCTCAAGAAAGTCATGCCATTAGCTCAGTTGGCTCG
GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTyrProPheThrPheGlySer
GGGACAAATTGGAAAGTAAA
GlyThrAsnLeuGluValLys

FIG. 16A

GAAGTGAAGCTTGAGGAGTCTGGAGGGCTTGGCAACCTGGAGGATCCATGAAACTC
GluValLysLeuGlugluSerGlyLeuValGlnProGlyGlySerMetLysLeu
TCCTGTTGCCTCTGGATTCACTTAACCACTGGATGAACTGGGTCCGCCAGTCT
SerCysValAlaSerGlyPheSerAsnHisTrpMetAsnTrpValArgGlnSer
CCAGAGGGGCTTGAGTGGGTTGCTGAAATTAGATCAAAATCTTAATTCTGCAACA
ProGluLysGlyLeuGluTrpValAlaGluIleArgSerIleAsnSerAlaThr
CATATGCGGAGTCTGTGAAAGGGAGGTTACCATCTCAAGAGATGATCCAAAGTGCT
HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspSerLysSerAla
GTGTACCTGCAAATGACCGACTTAAGAACACTGGCGTTATTAAGTGTCCAGG
ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrSerArg
ATTACTACGGTAGTACCTACGACTACTGGGCAAGGCACCACTCTCACAGTGTC
AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer

FIG. 16B

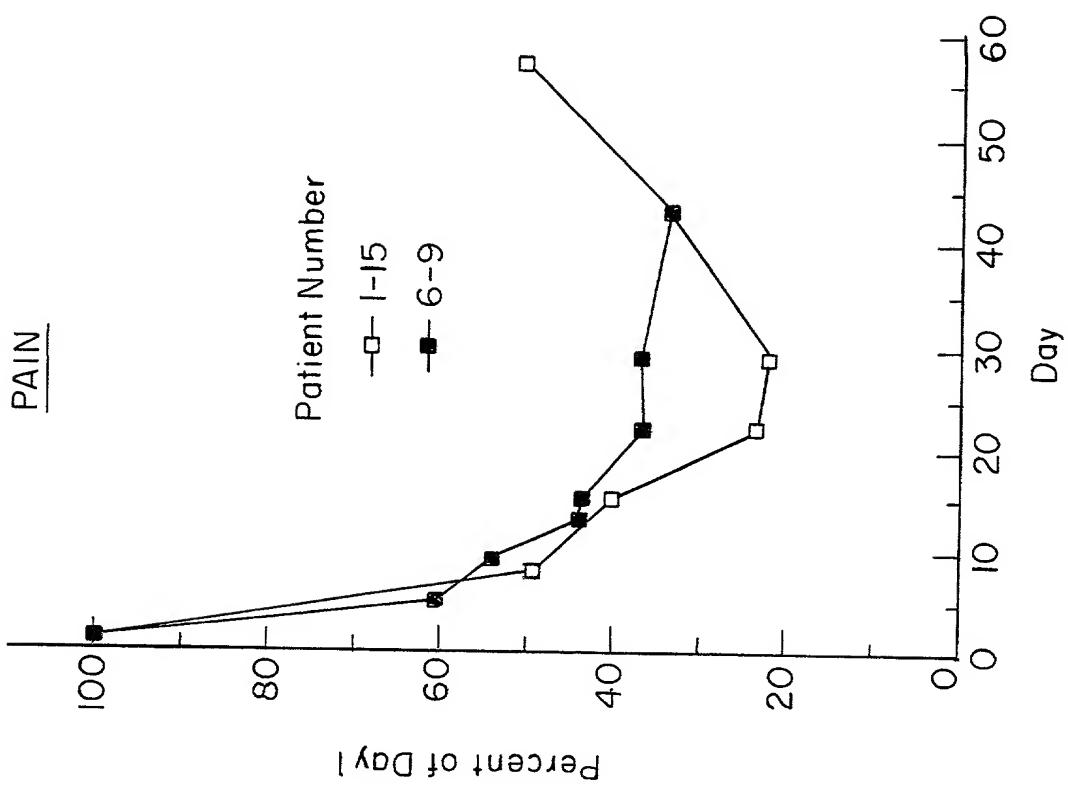


FIG. 18

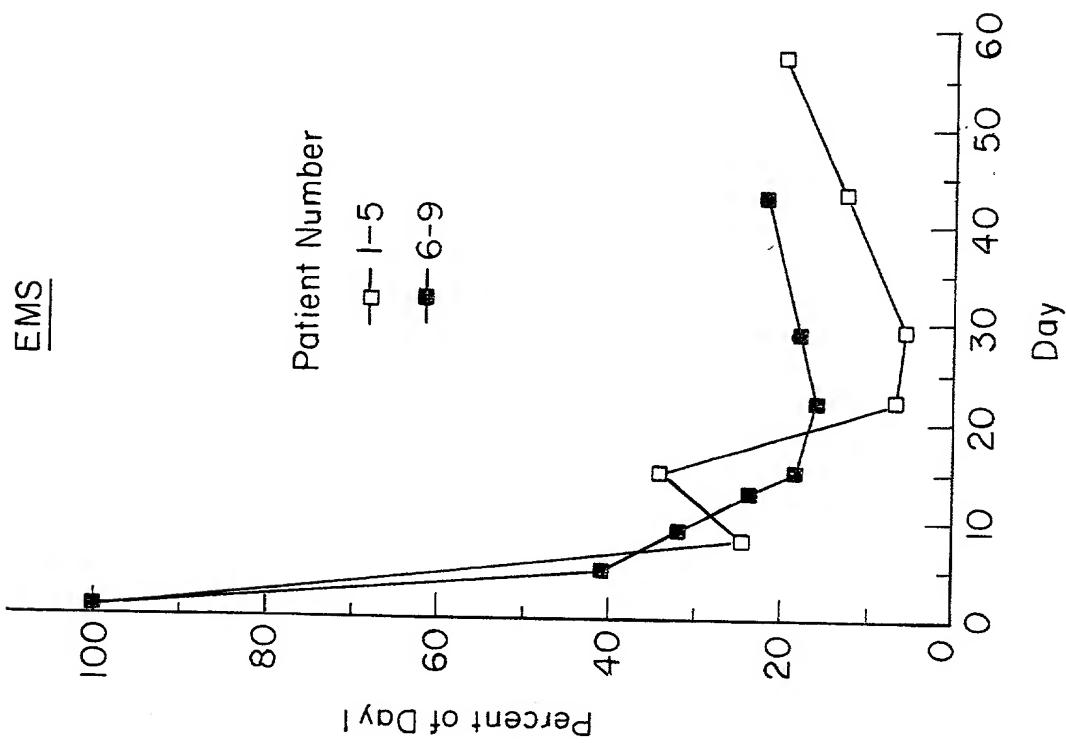


FIG. 17

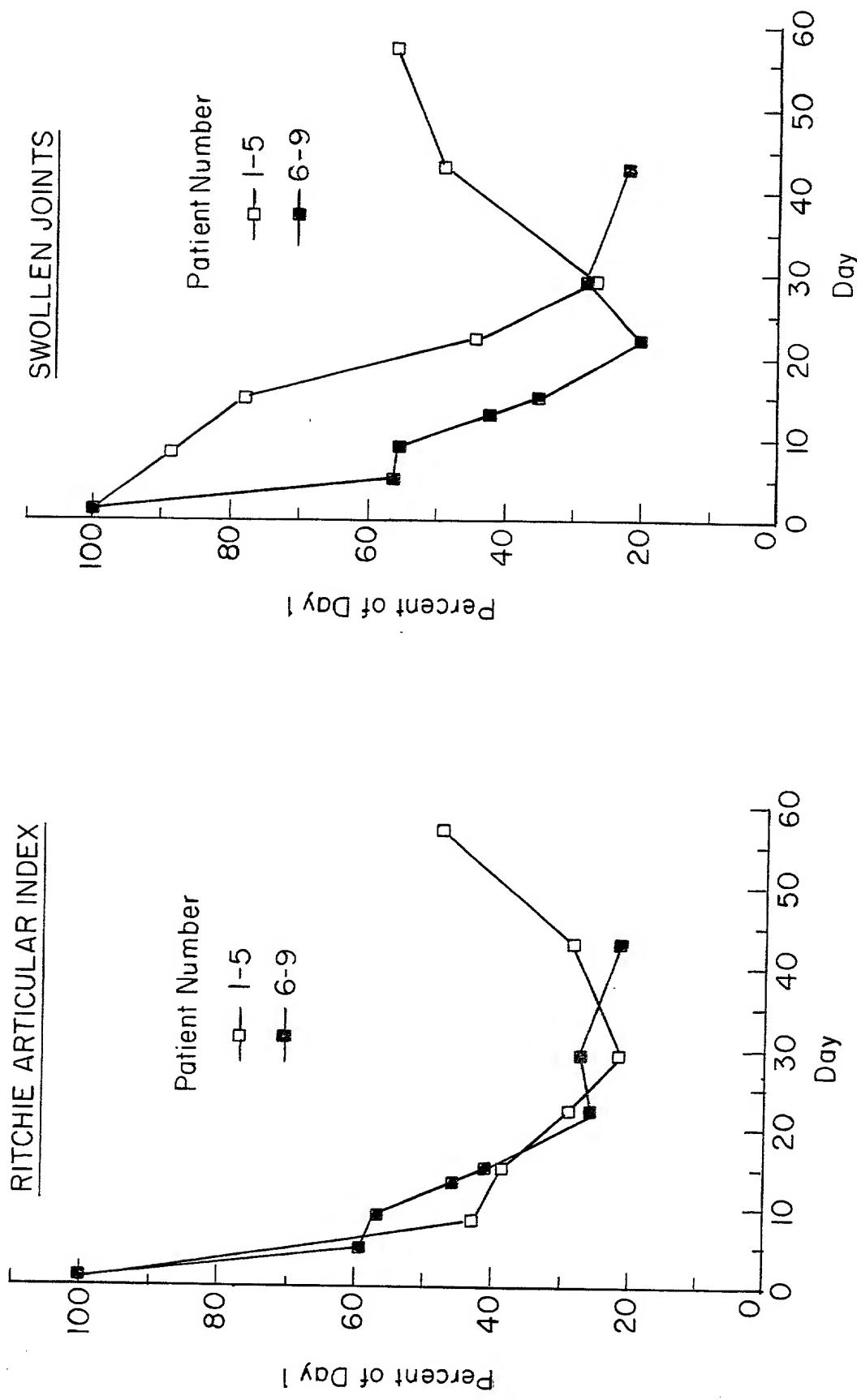


FIG. 20

FIG. 19

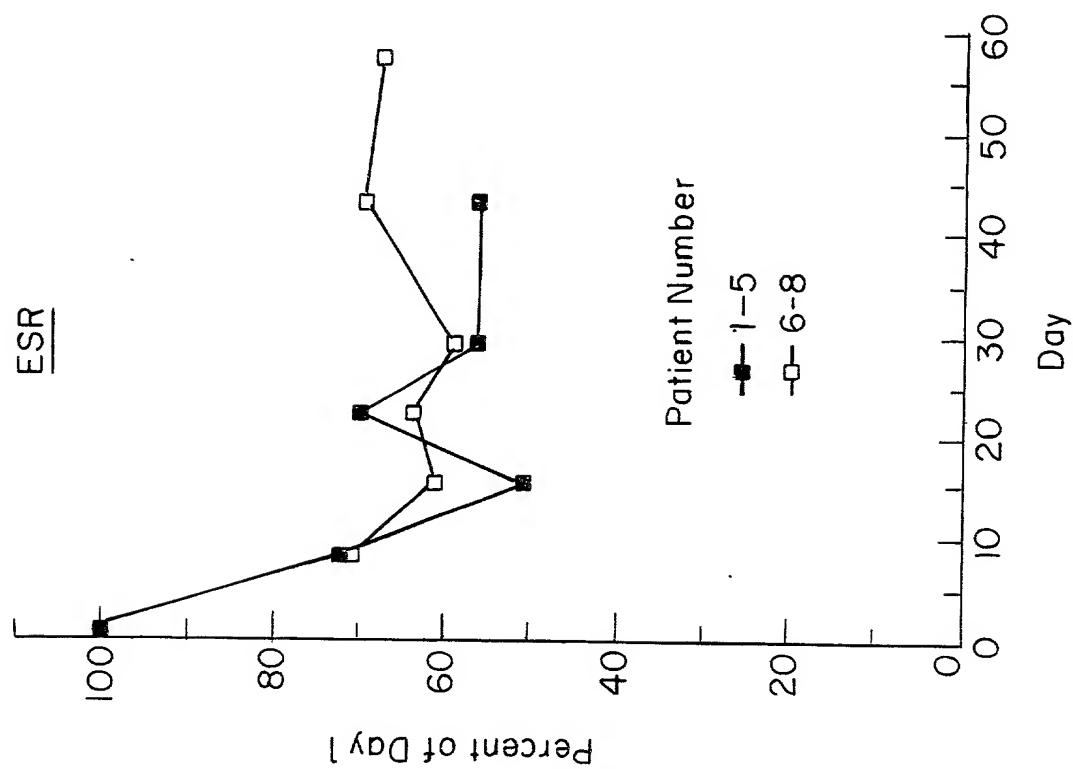


FIG. 22

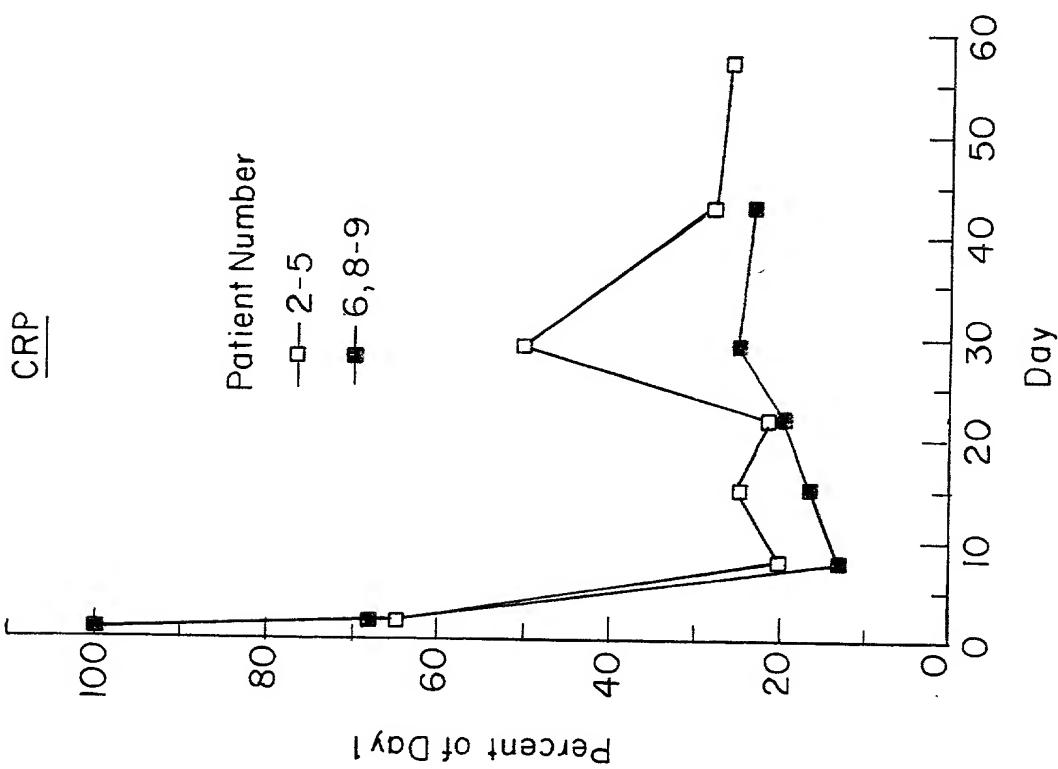


FIG. 21

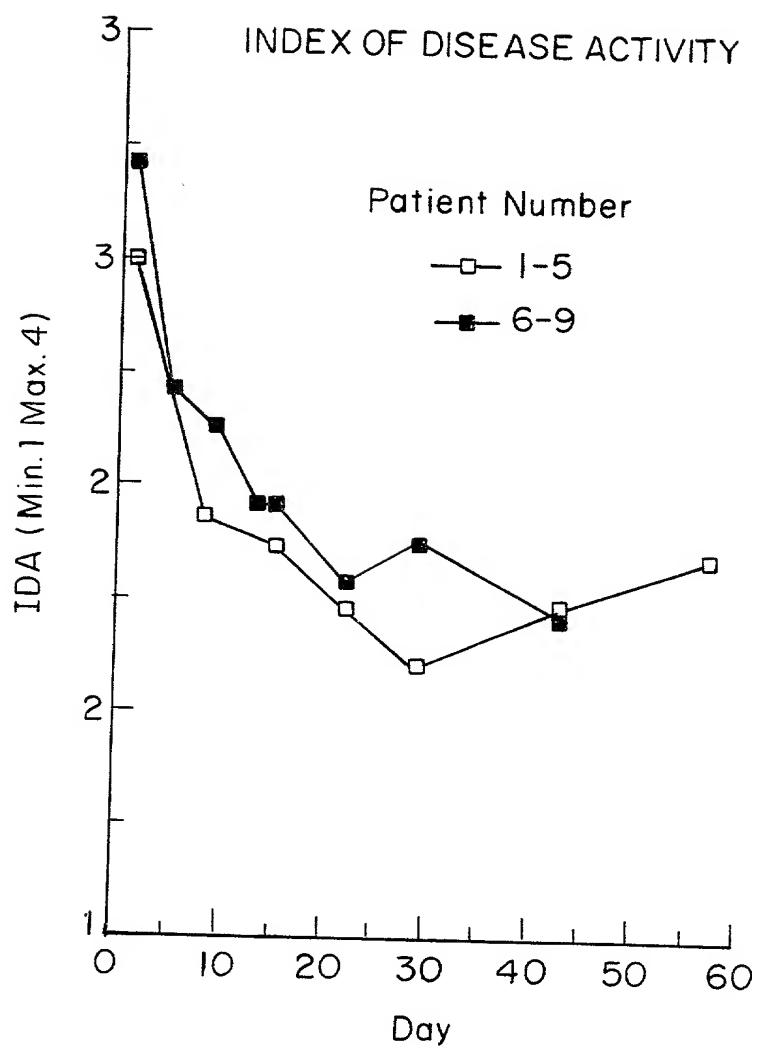


FIG. 23

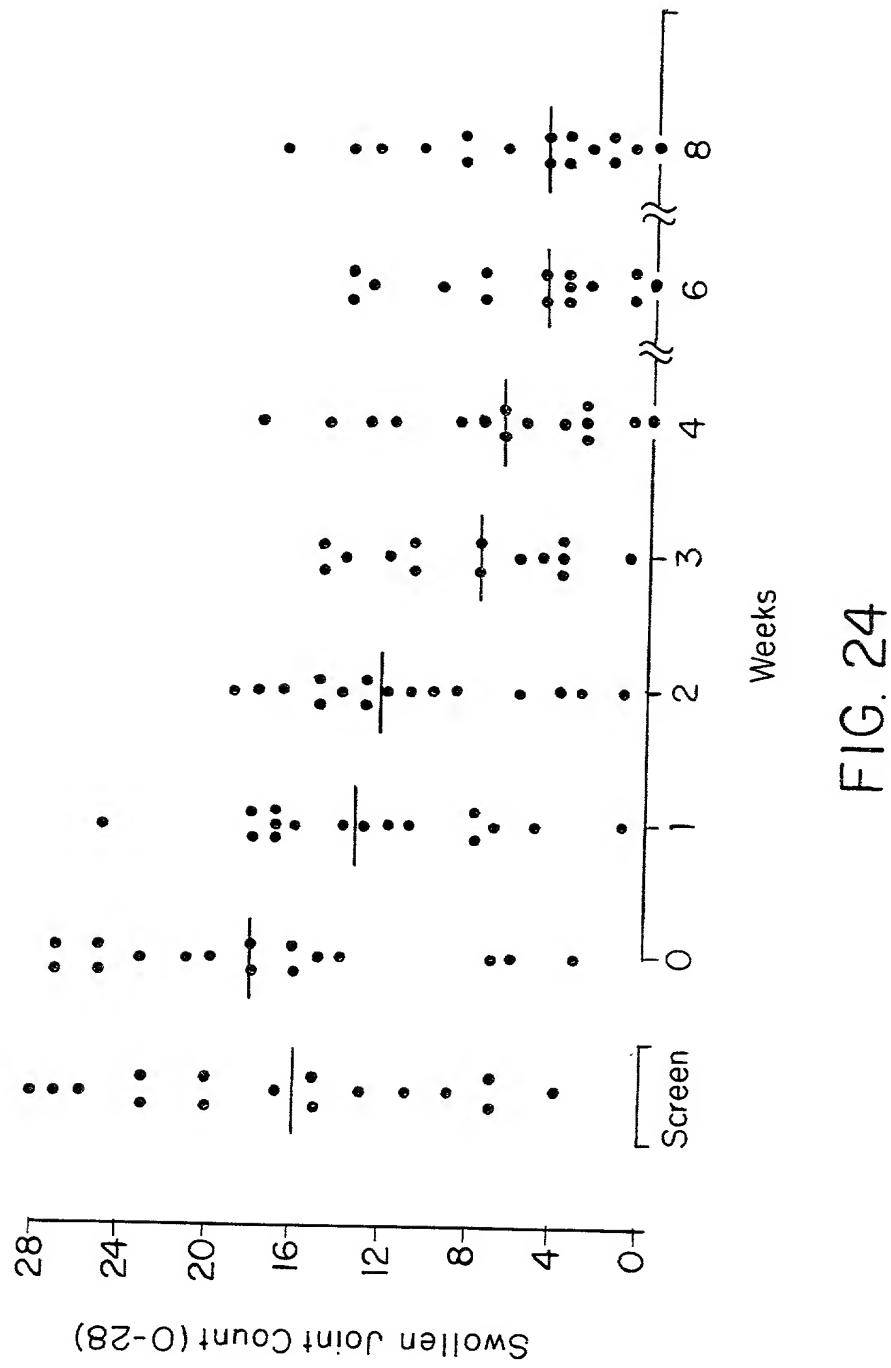


FIG. 24

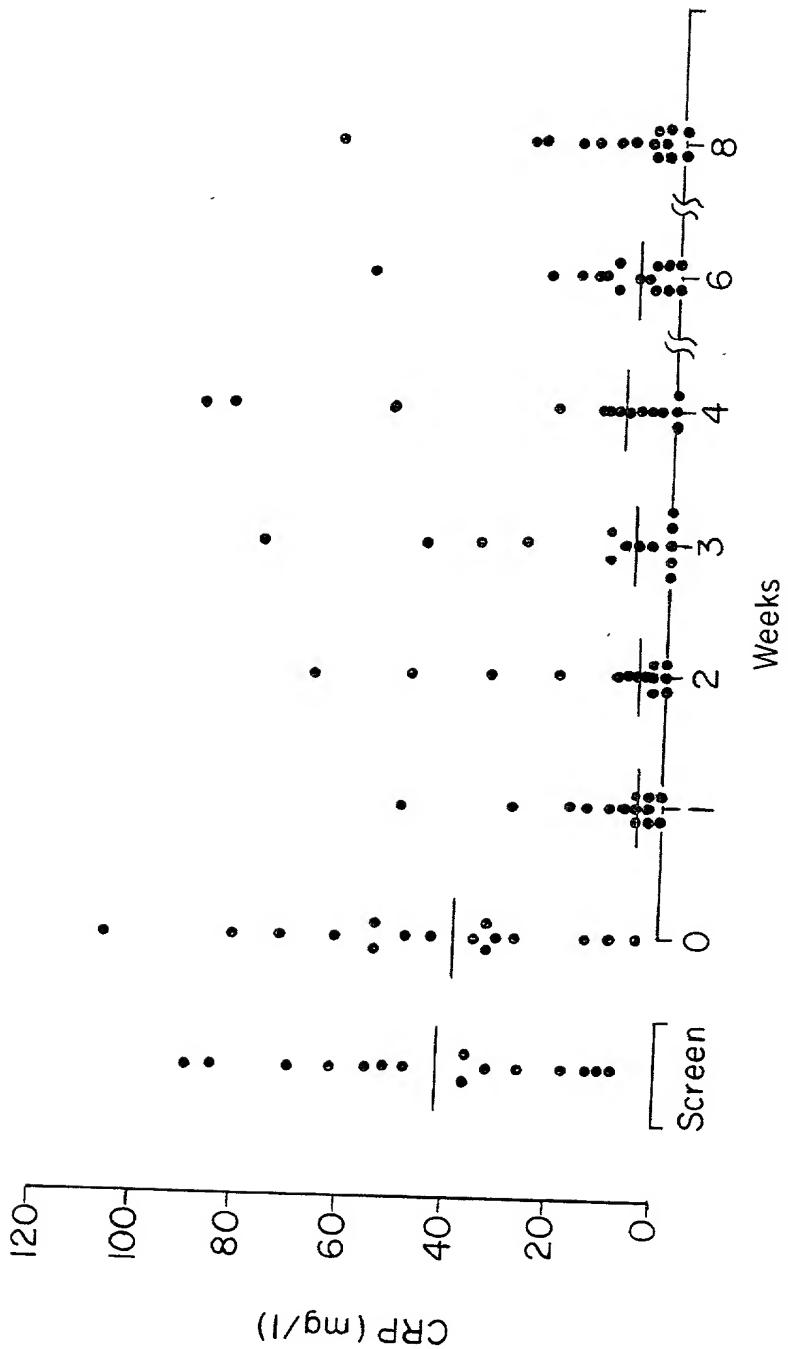


FIG. 25

FIG. 26A

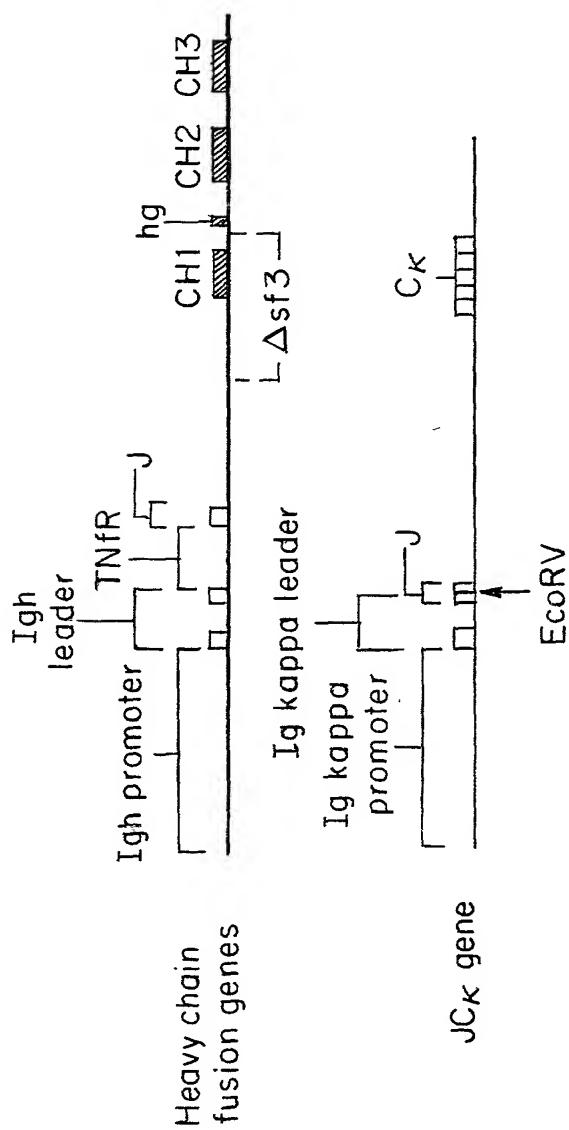


FIG. 26B

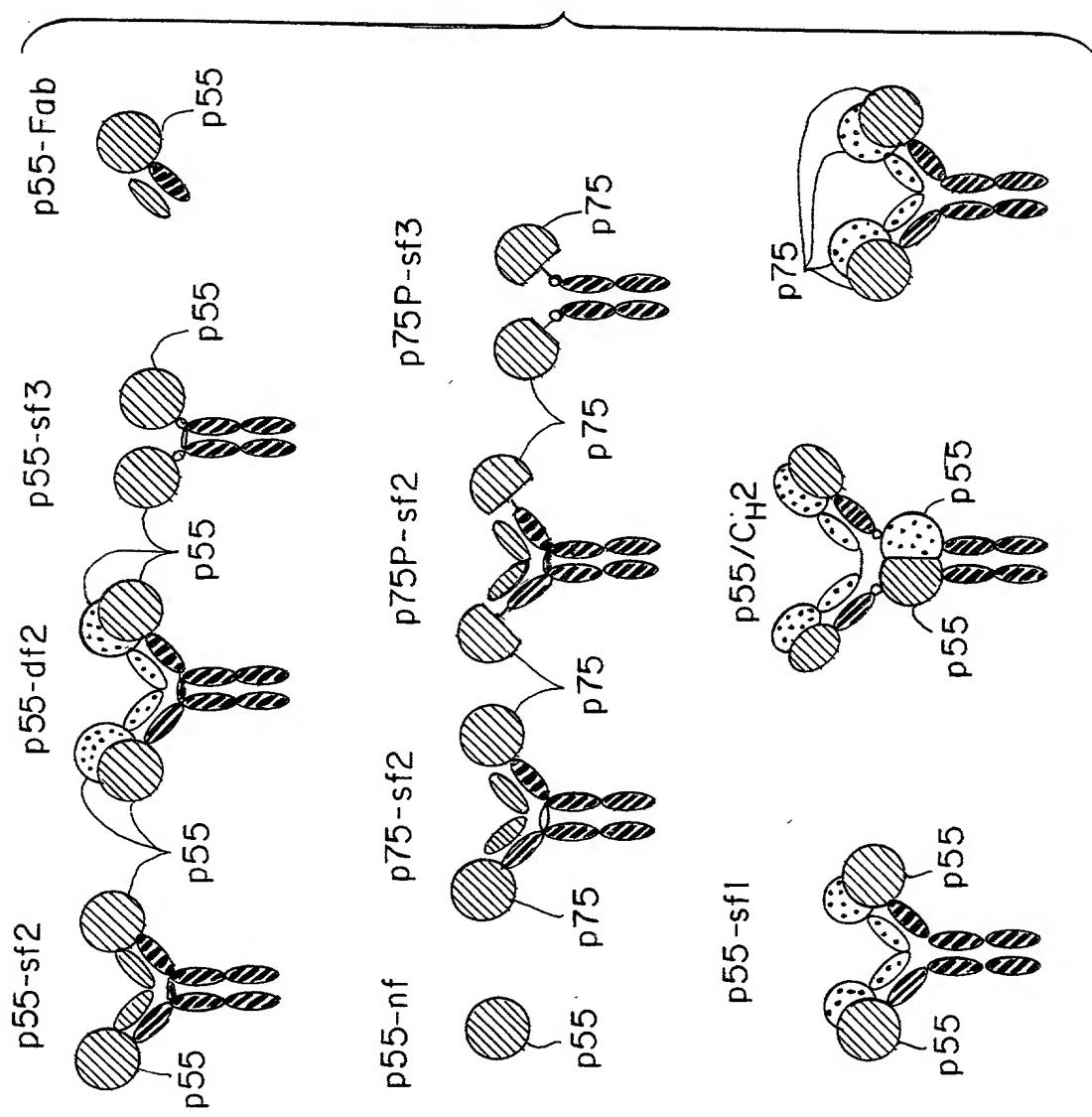
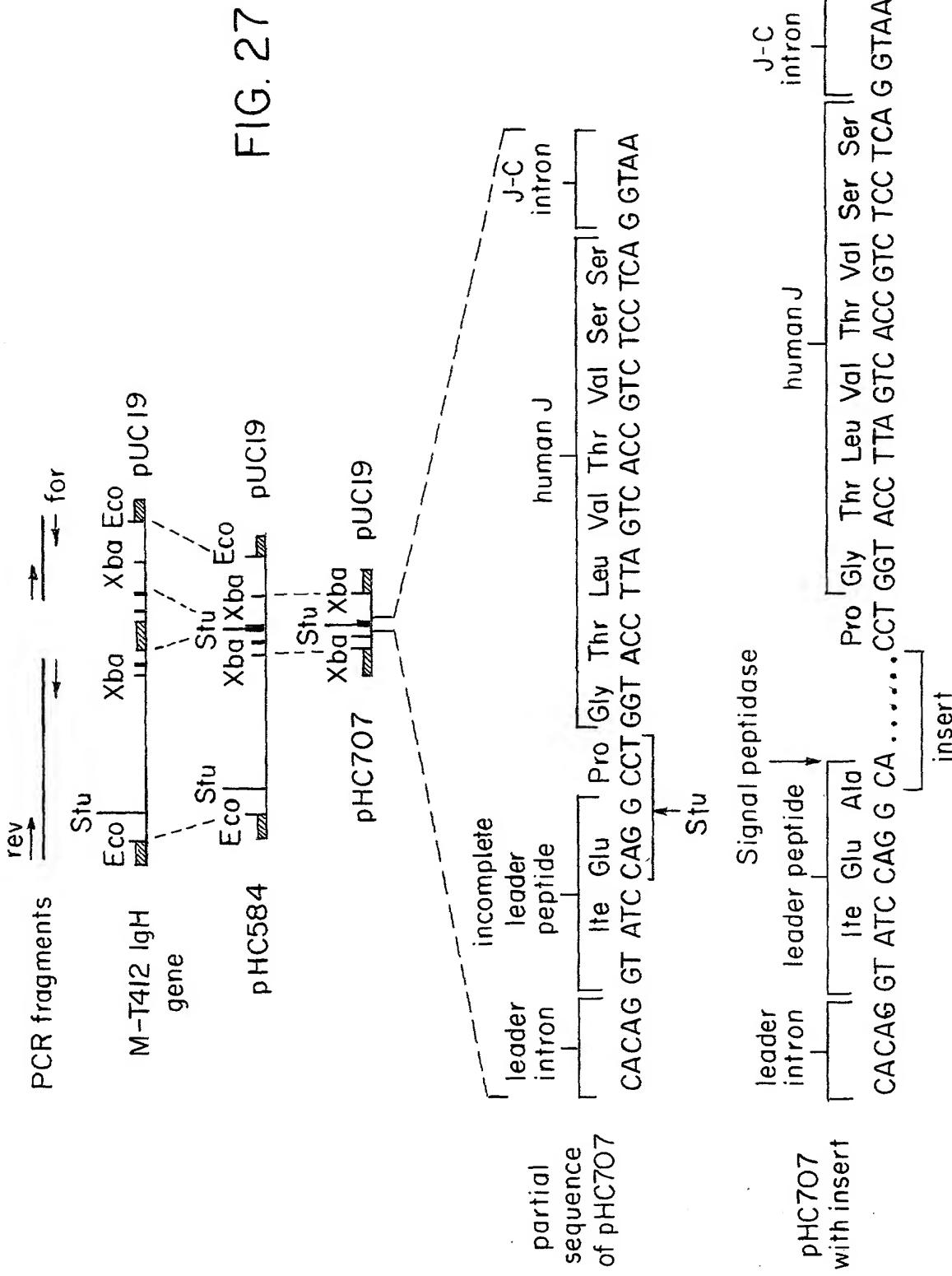


FIG. 27



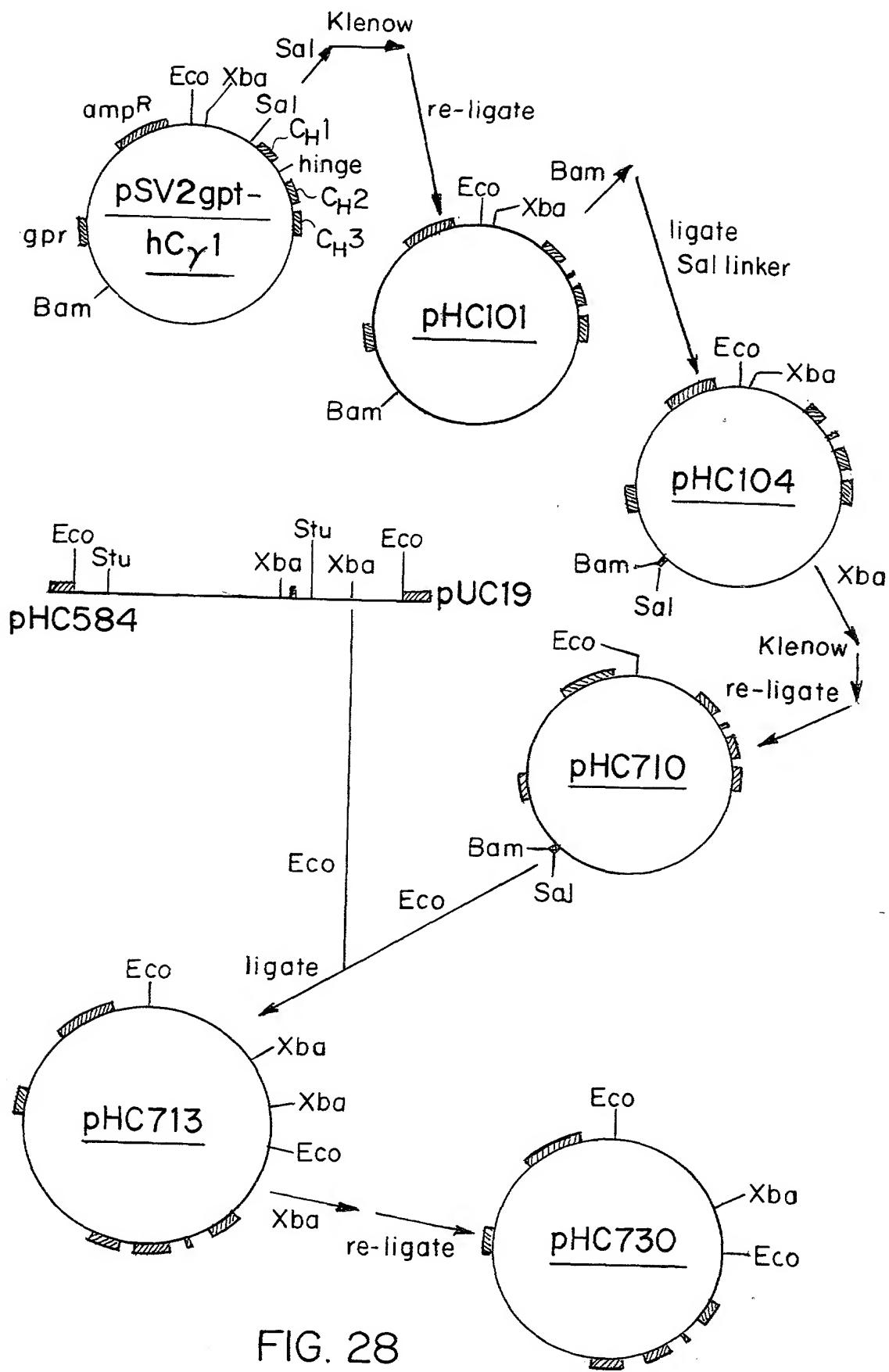


FIG. 28

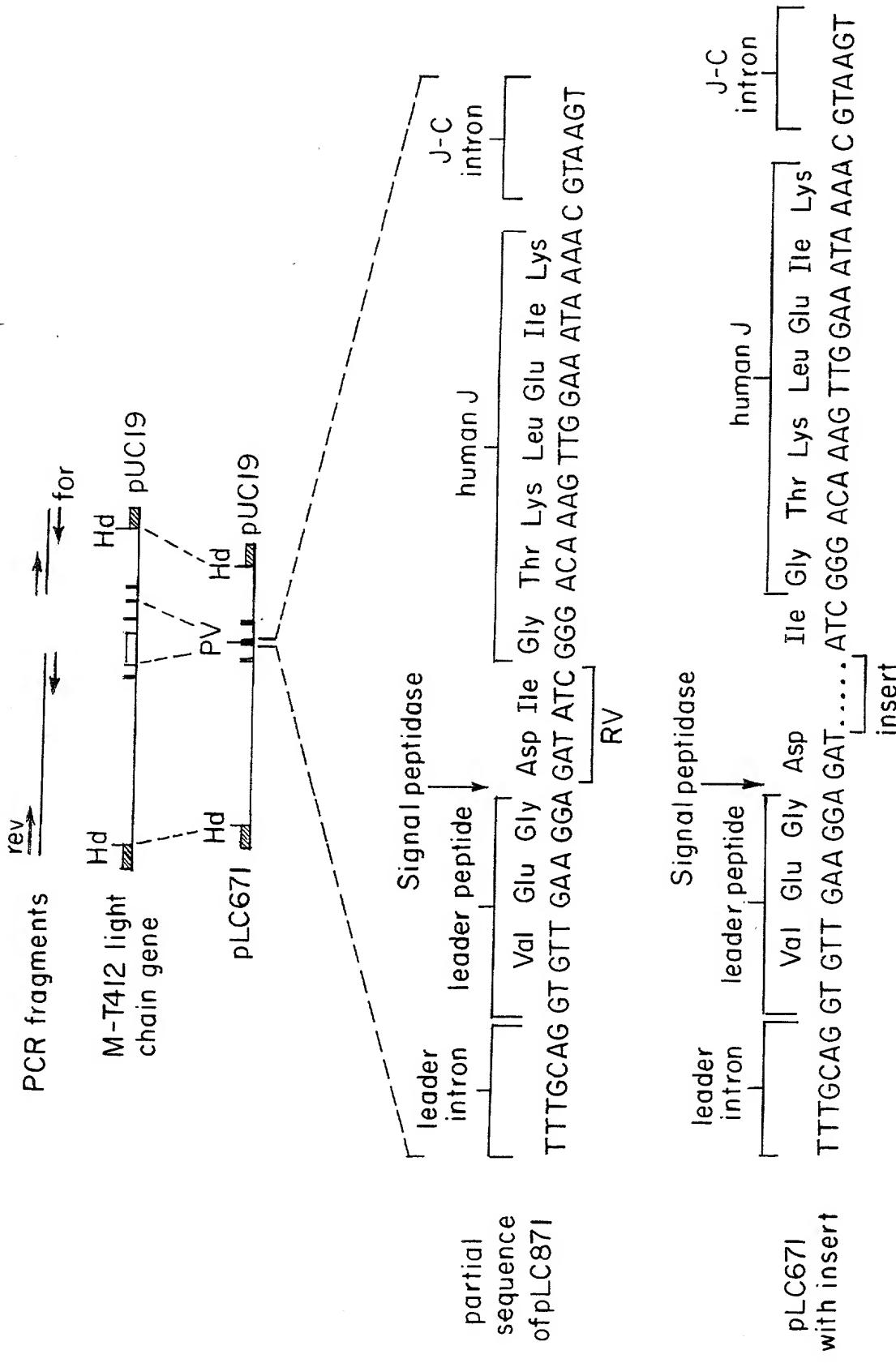


FIG. 29

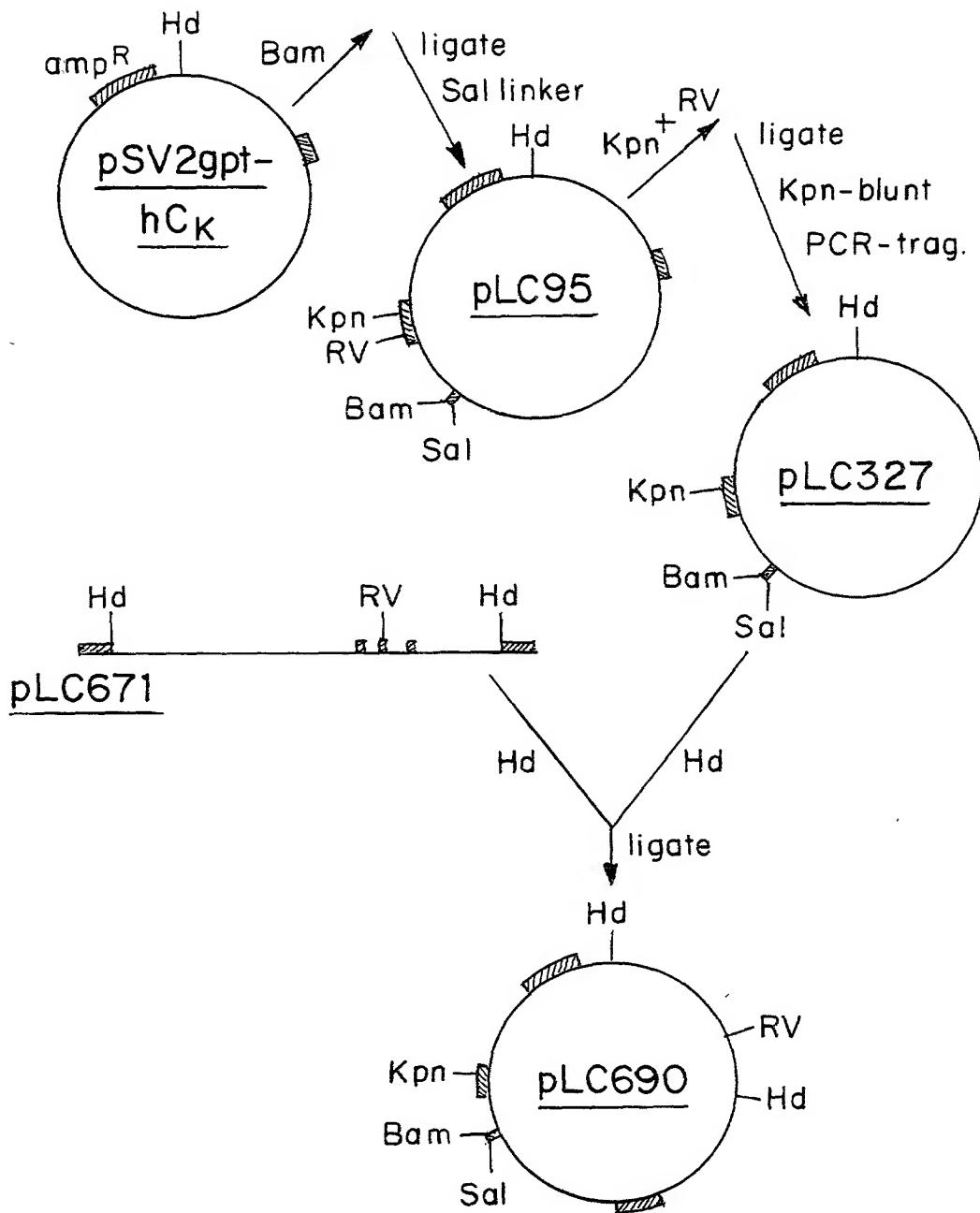


FIG. 30

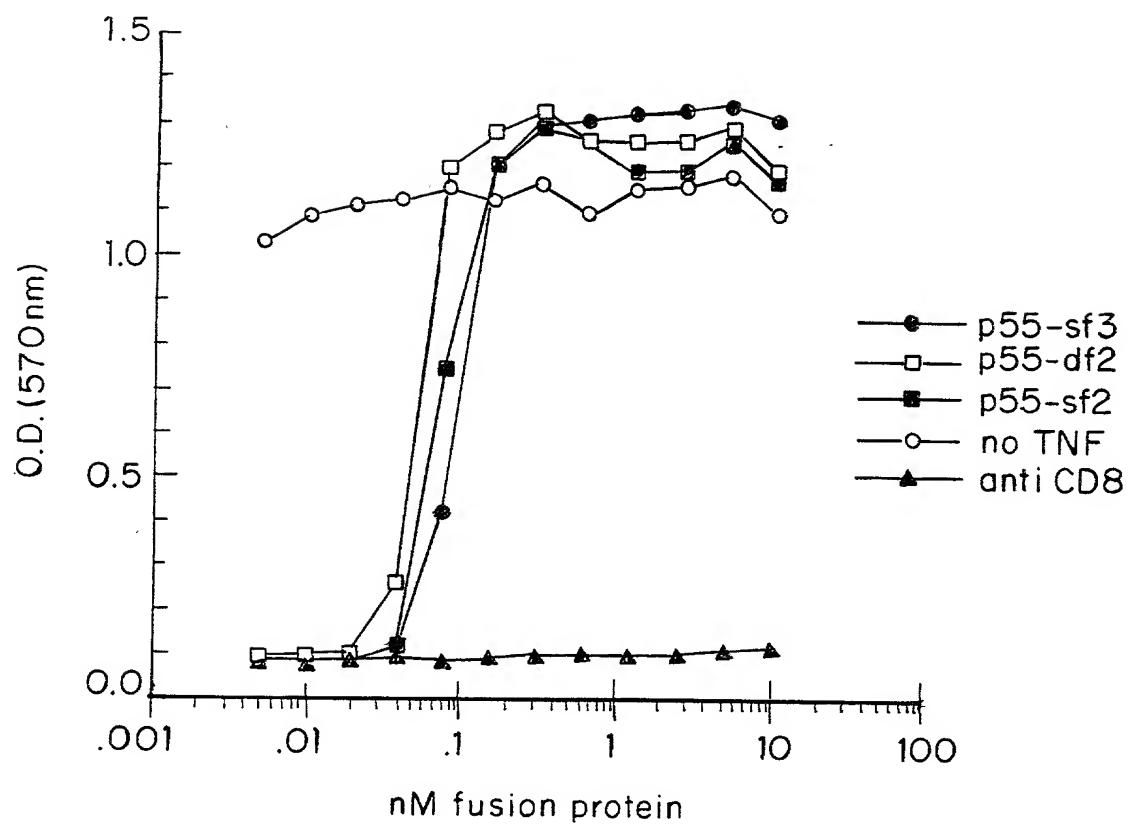


FIG. 31A

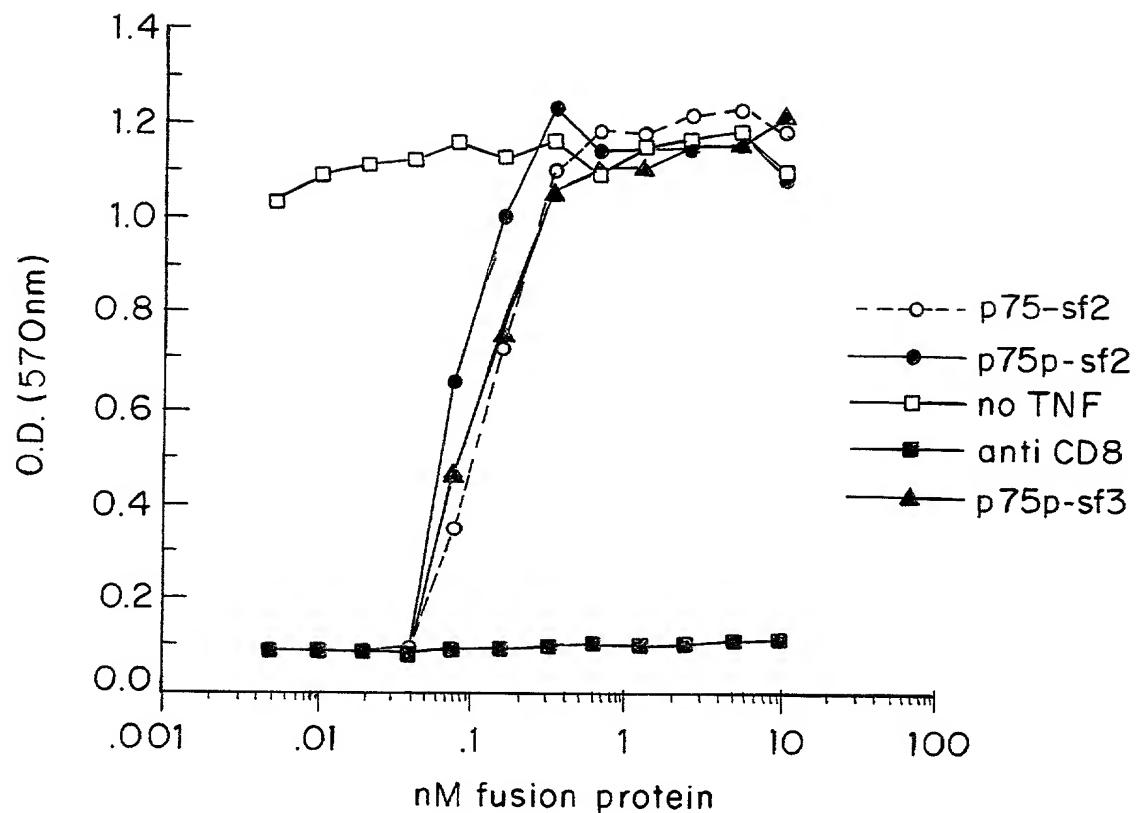


FIG. 3IB

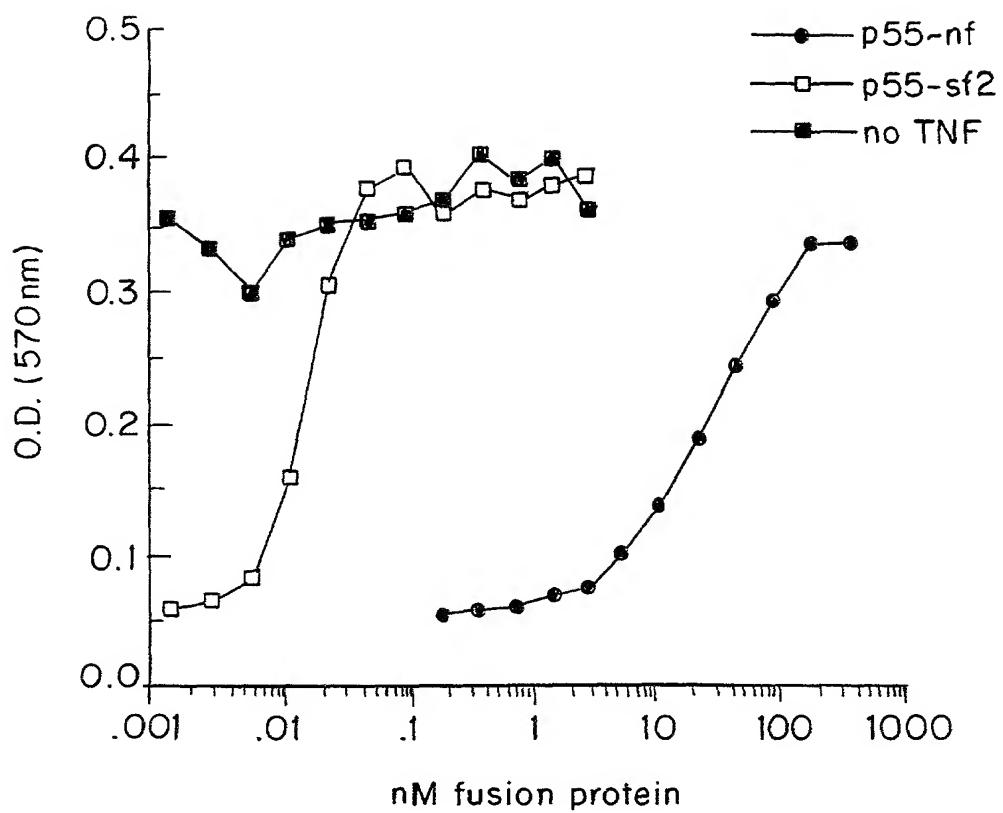


FIG. 31C

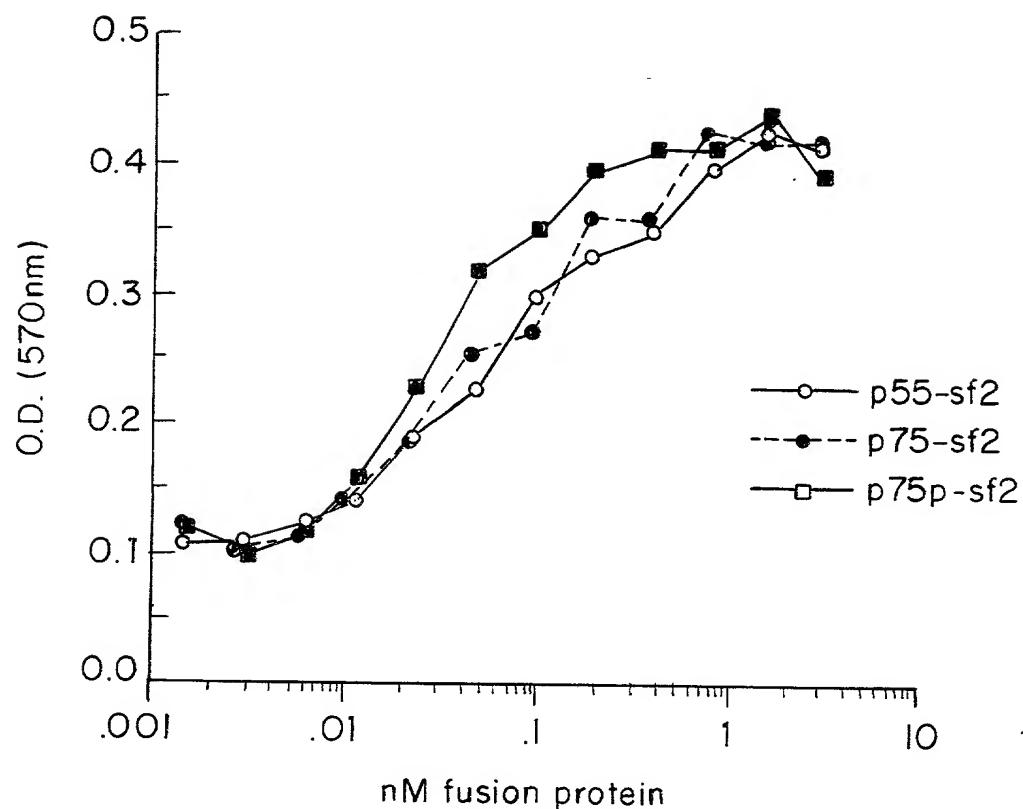


FIG. 32

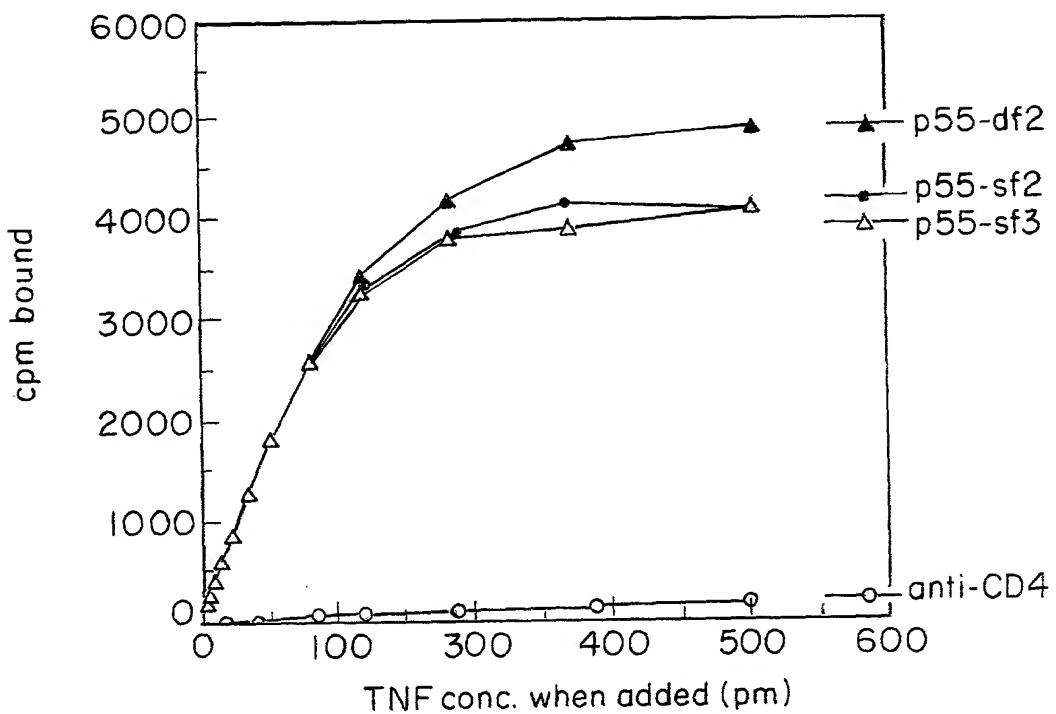


FIG. 33A

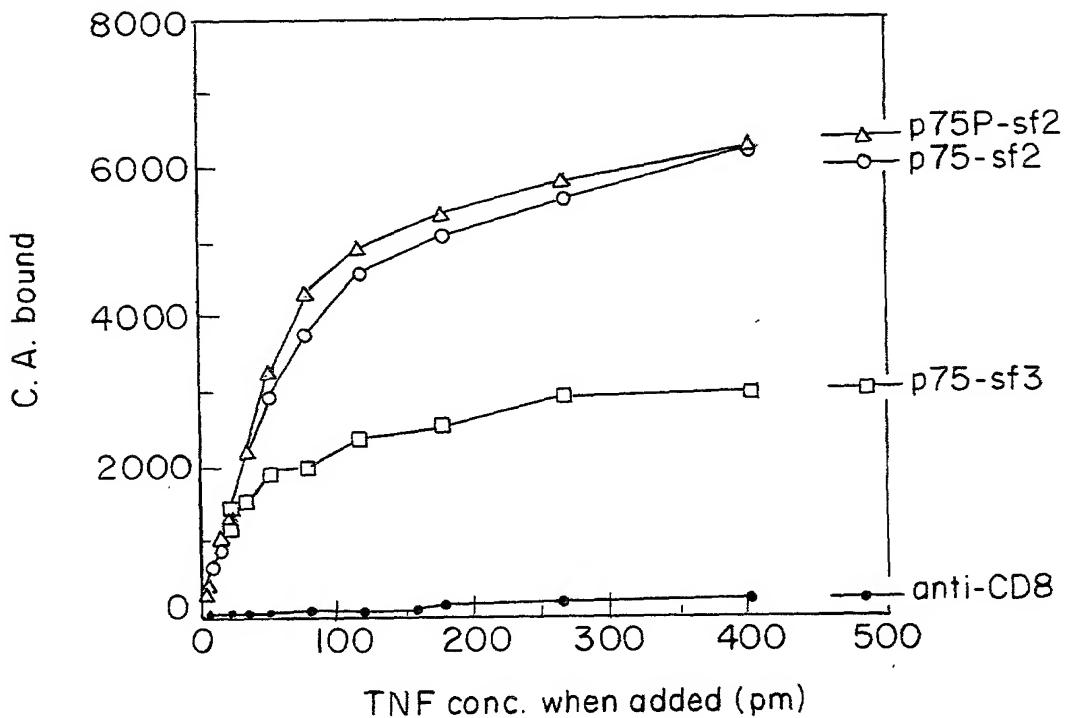


FIG. 33B

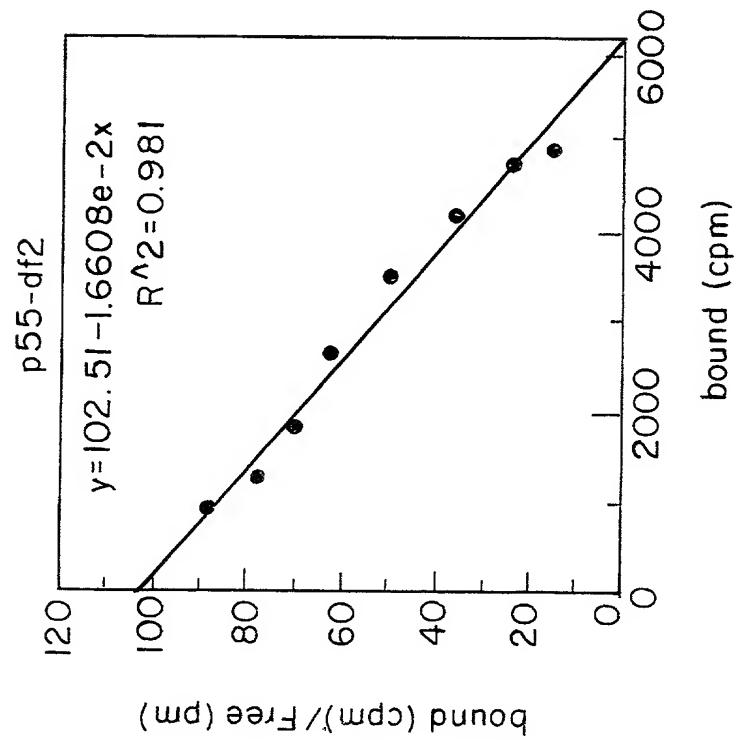


FIG. 33D

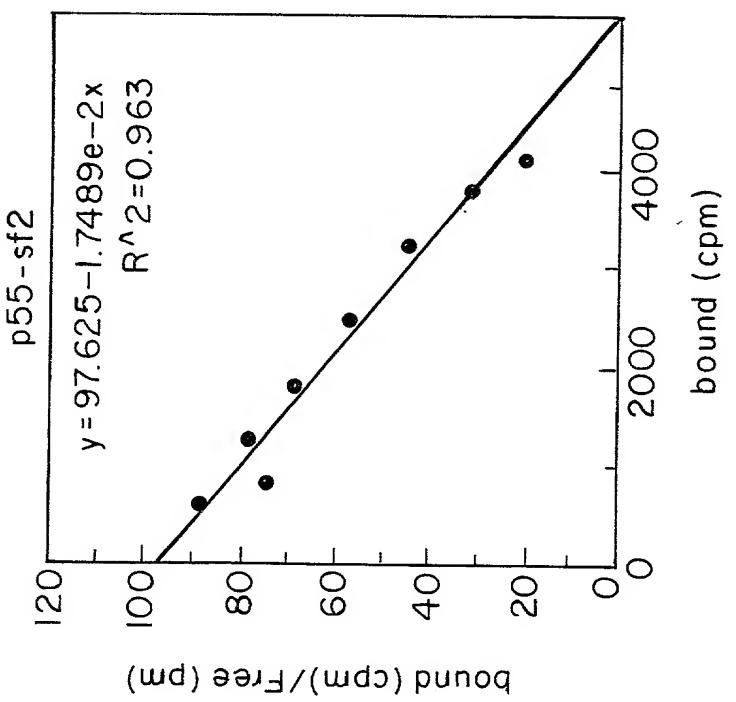


FIG. 33C

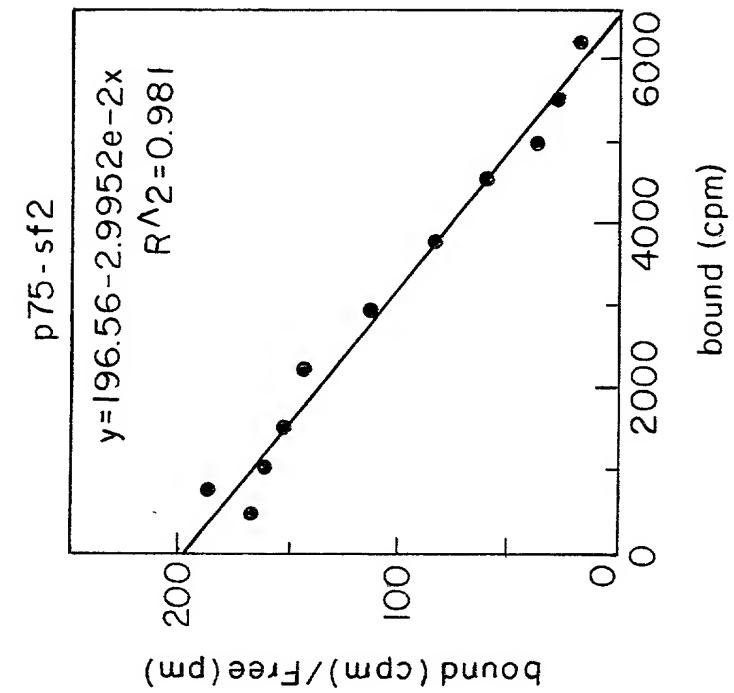


FIG. 33F

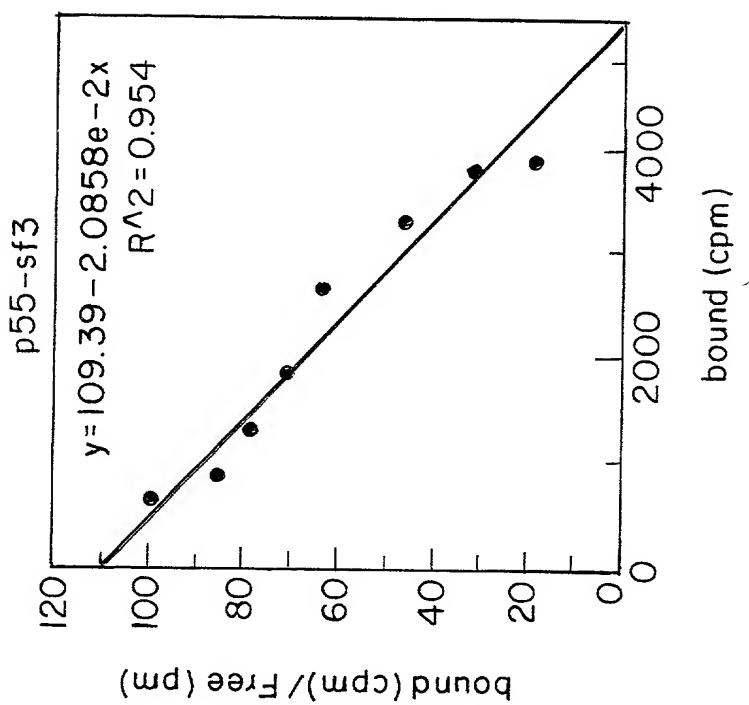


FIG. 33E

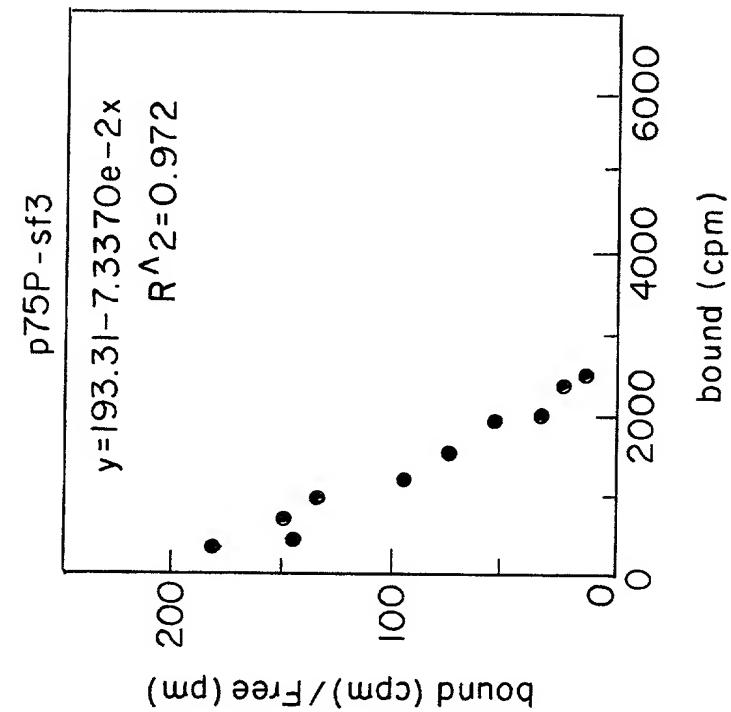


FIG. 33H

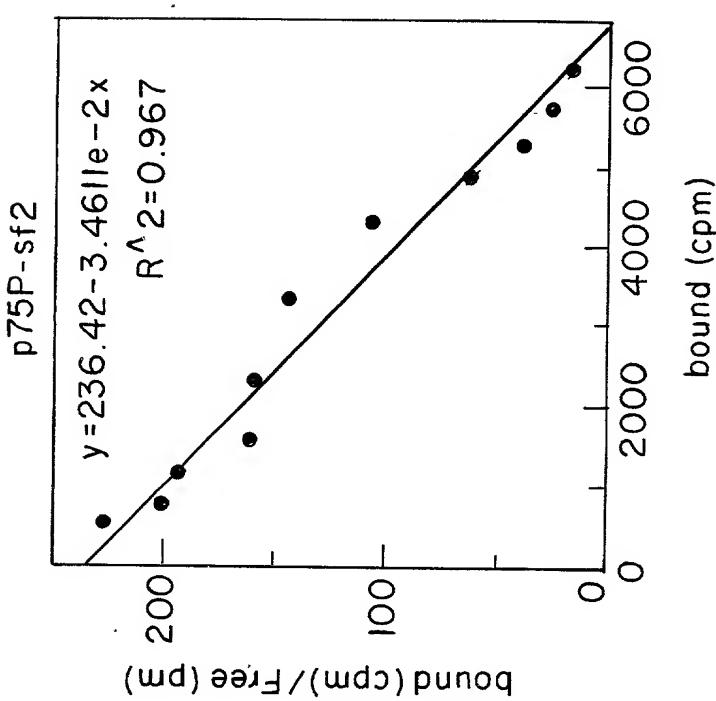
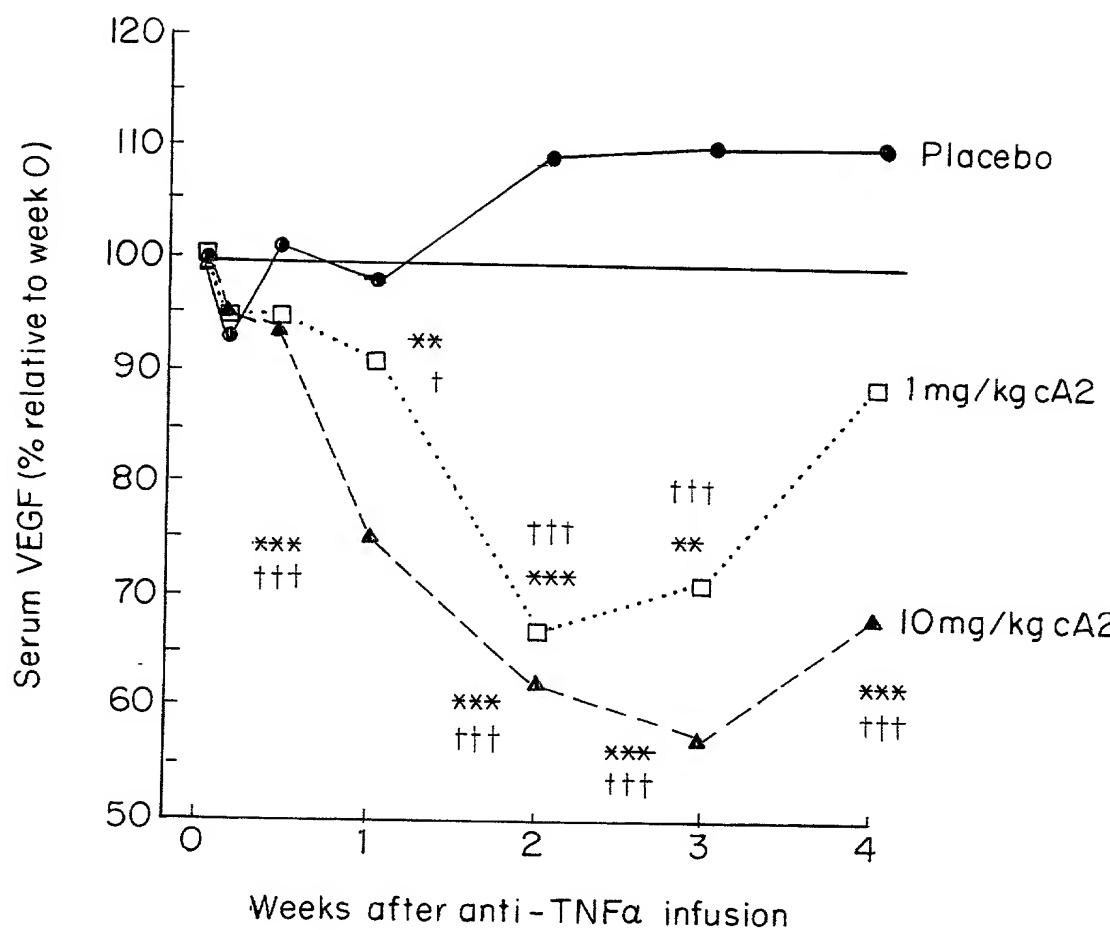


FIG. 33G



* $p \leq 0.05$, ** $p \leq 0.01$, *** $p \leq 0.001$ versus pre-infusion
† $p \leq 0.05$, †† $p \leq 0.01$, ††† $p \leq 0.001$ versus change in
placebo group

FIG. 34